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The partner to build with

ITALCOL offers you the best quality construction materials in the Albanian market. Our construction materials are known for safety and workability. They are standardized under CE, ISO 9001:2008 and European standards EN 998, EN 12004.

Our 10 years of experience have taught us to correctly fulfill all customer requirements, and this is confirmed by the positive feedback of our customers. It is important to us that our decisions are directed at improving our service to you.

Adjusting to the demands of each individual client, ITALCOL has become the ideal partner for any constructor. Various surveys led us to believe that you have been following, directing us towards becoming more reliable and communicating better with you.

In this journey we will seek to increase transparency with our customers, to provide information in due time and fully meet your needs. We also welcome your suggestions on what we can do better.

Respectfully,

Ing. Faik Kohila and Ing. Teodor Çuçi

State of the art production facility

ITALCOL is the first factory in Albania, which challenged traditional building materials, orienting the construction market towards pre-mixed materials, which save time and enhance the quality of construction.

ITALCOL factory includes a covered production area of 4,000 m², in an area of 10,000 m², 3 km away from the Airport Mother Teresa, in the national road Vora-FushëKrujë. The heart of the factory consists of two production lines, which combine modern Italian and German technology.

The production lines are fully automated, connected to independent aspiration systems to meet European standards of environmental conservation. Included in ITALCOL factory are also warehouses and storage premises for raw materials to ensure the preservation of products in optimal conditions. These investments, together with the objective to contribute to the Albanian construction industry with modern construction materials, have led to ISO 9001 quality certification, recognized in all European markets.





Do it once, do it right

In construction, a job well done is a job "done once and done right", because the investment made once for quality construction materials provides not only better quality of life, but also savings in the future. ITALCOL offers a full range of construction materials for interiors, exterior facade works, plastering, waterproofing, thermal insulation and beyond.

ITALCOL construction materials are dry, pre-mixed materials. To guarantee their quality, special care is given to handling the raw materials, and strict following of mixing chemical formulas.

Raw materials include local Gray Portland cement (42.5R), imported White Portland cement (52.5R), as well as chemical additives of known brands such as Ashland and Wacker. Our laboratory checks periodically the quality of raw materials, as well as the quality of the final products obtained thanks to patented formulas.

Our advantages

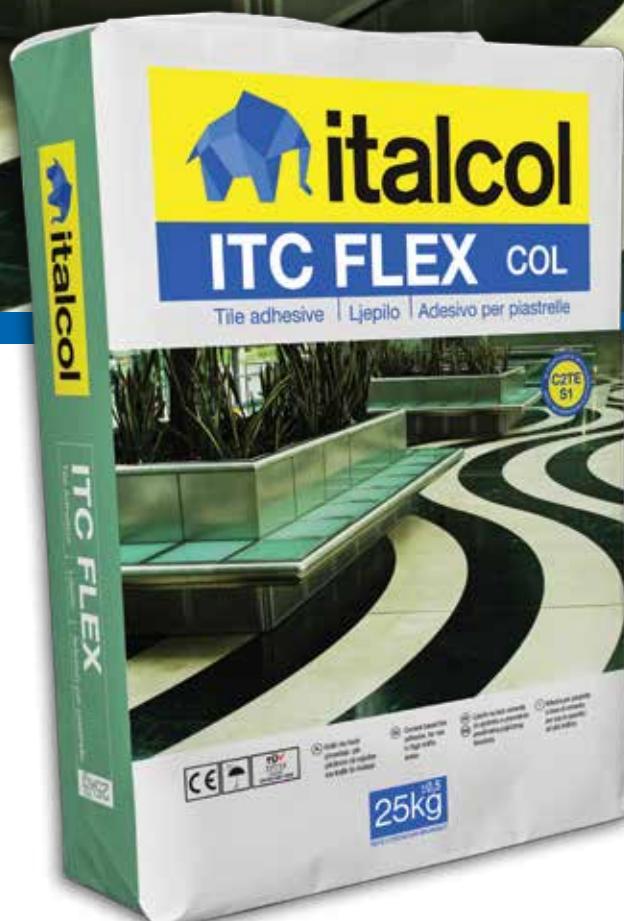
In addition to an optimal quality-price ratio, the client that chooses Italcol has several advantages:

- Chemical receptacles of Italcol products are formed by considering specific climatic conditions of the region.
- Italcol produces within 24 hours according to customer's request.
- You can find variety of products, to meet all the needs of construction field.

Partners

Some of our partners: Edil-Al, Colombo 2, Harmonia 2, Trema Engineering 2, Paglierani, Algair, Beccaria, Morandoti, Euro Tech, Gener 2, Alba konstruksion, Alba Adriatika, Albado, Ed Konstruksion, FZ Konstruksion, Gjolla, German, Kuka-K, Edil-Al, Brunes, Saranda Treg, Salliu 2G, Santara, Sina Konstruksion, Stella, etc., have successfully carried out ambitious construction projects using ITALCOL construction materials. The success of these construction companies is also our success.





ITC FLEX

Premixed tile adhesive consisting of white Portland cement, selected silicon sand, specific additives and synthetic rheosines to improve adhesion and workability. ITC Flex ensures full coverage of substrate providing strong adhesion, flexibility and very high resistance to tile withdrawal. It is a monocomponent material with the lowest amount of organic substances, made of totally recyclable elements. ITC FLEX ensures peace of mind even in the most difficult application situations.



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ITC FLEX: Application



For each bag of 25 Kg ITC FLEX must be added 6.5 liters of pure water, begining with 3/4 of the amount of the water required. Gradually pour the product mixing with an electric mixer on low laps (400/min.), add more water until the needed consistency and homogenous mass is achieved. The material should rest for 5 minutes before proceeding with the application phase.



ITC flex is applied with a dented spatula, according to the format and characteristics of the rear of the tile. It is recommended to apply the material in a preliminary thin layer, exerting pressure on the tile, to achieve maximum adhesion with the substrate.



Apply tiles making a slight movement under pressure and hit carefully so that the tile surface is in full contact with the adhesive. Tile movements should be performed within 40-50 min. of the application. For external applications and depending on the inner surface of the tile, the material must also be applied to the surface of the tile itself, so that the entire tile surface is covered with the adhesive.

Notes:

- In the case of film formation on the surface of the adhesive it is not necessary to wet the surface with water, but mix with dented spatula.
- For application over existing tiles apply a layer of the adhesive on the tiles also.
- After about 24-48 hours may be applied ITC 10.
- The material consumption is 4 kg/m².

USE

Suitable for porcelain tiles, ceramic tiles, large format tiles, and natural stone tiles. Suitable for use on floors and walls, for indoor and outdoor use, in cement and mineral-based substrates. Also suitable in heated floor systems.

ITC Flex may be used also on concrete and autoleveling products such as ITC FLOOR, and above any existing tiles by adding another layer.

Do not use on gypsum or previously painted surfaces.

SURFACE PREPARATION

- The application surface must be free from dust and dirt. Waste oils, wax, fat must be removed priorly.
- Fresh adhesive is protected from rain or strong sunlight for at least 24 hours.
- ITC Flex is used without adding other materials.

PACKAGING

ITC Flex is packed in sacks of 25 kg with a moisture protective layer.

STORAGE

Store in a dry place for not more than 12 months.

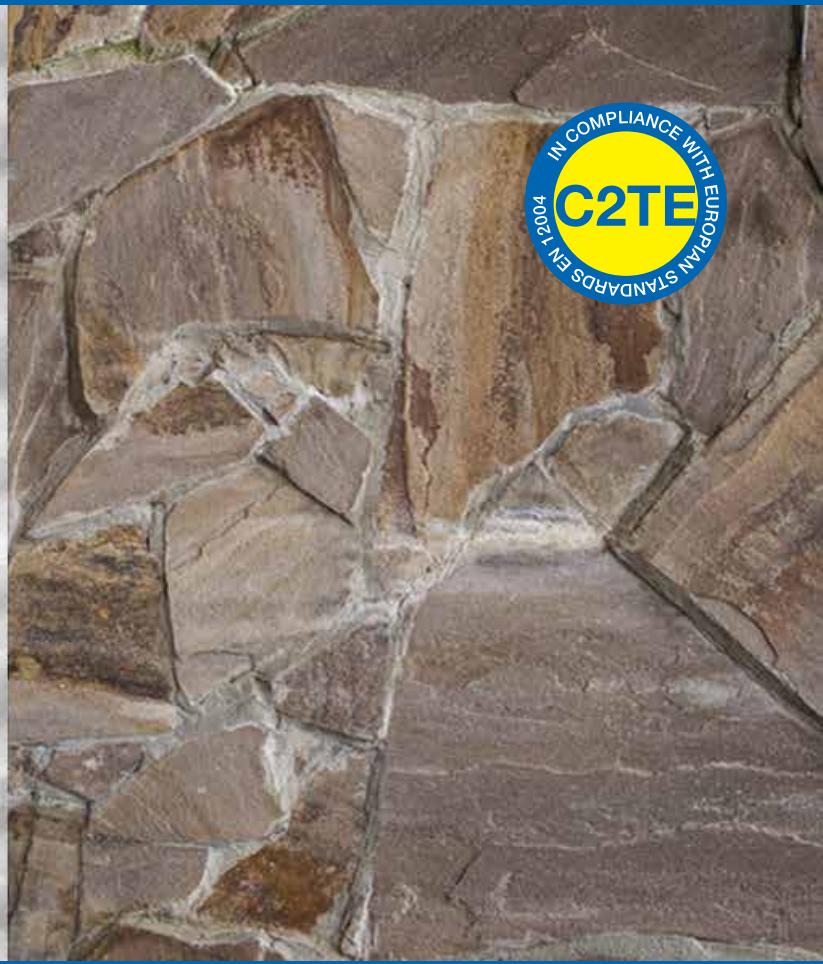
QUALITY

ITC Flex is subject to constant check from laboratory. Raw materials are also strictly selected and controlled. Products are certified with ISO 9001-2008 standard and EN 12004: 2008 in the category C2 TE S1.



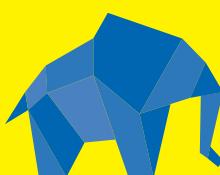
Related products:





ITC 950

White cement based tile adhesive, certified to 12004 European standard, which guarantees high resistance to vertical tile sliding. A monocomponent material with very low amounts of organic substances and totally recyclable inerts. ITC 950 has long lasting workability, and adapts to all conditions of application and for all types of ceramic tiles laid on cement and mineral based supports.



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ITC 950: Application



Mix in a clean container adding about $\frac{3}{4}$ water of the total product quantity needed. Material must be poured slowly and mixed with a mechanical mixer with low laps. Water is added until the desired consistency and homogeneous mass is created. It is possible to achieve a mixture with a more or less thixotropic consistency as required.



Application is carried out with a dented spatula, based on the size and type of tile. At first, open a thin layer of material with the flat side of the spatula to regulate the absorption of substrate.



Apply tiles making a slight movement under pressure and hit carefully so that the surface is in full contact with the adhesive. Any movement of the tiles must be completed within 40-50 min of the application.

USE

The material is used in outdoors for façades and floors as well. It can be used on concrete and self levelling ITC FLOOR, over traditional mortar but better consumption is on ITC 50. ITC 950 can also be applied on top of Capot systems binded with ITC CAPOT.

This material can be used to cover pavement surfaces with different ceramic tiles, porcelains, various mosaics, marble tiles of various dimensions, higher absorption tiles, etc..

It can be used in interior and exterior floors and walls, in homes, businesses and industry, and in areas with very low to near freezing temperatures. Also very convenient for floors under high temperature where heating systems are located.

Not for use in gypsum based surfaces, in plastic material, metal and wood , wet substrate or a substrate with a trend of increasing humidity, and in environments with a continuous presence of water.

SURFACE PREPARATION

- Substrate must be clean from dust, oils and fats, no humidity should be present, and no damaged part of the substrate should be left unprepared. The substrate must be stable, without channels and must have passed the stage of higrometric withdrawal. Possible channels or surface cracks on the layers should be repaired prior to usage of levelling products.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 950 should be used without adding other materials.

PACKAGING

ITC 950 is packed in sacks of 25 kg with a moisture protective layer.

STORAGE

Store in a dry place for not more than 12 months.

QUALITY

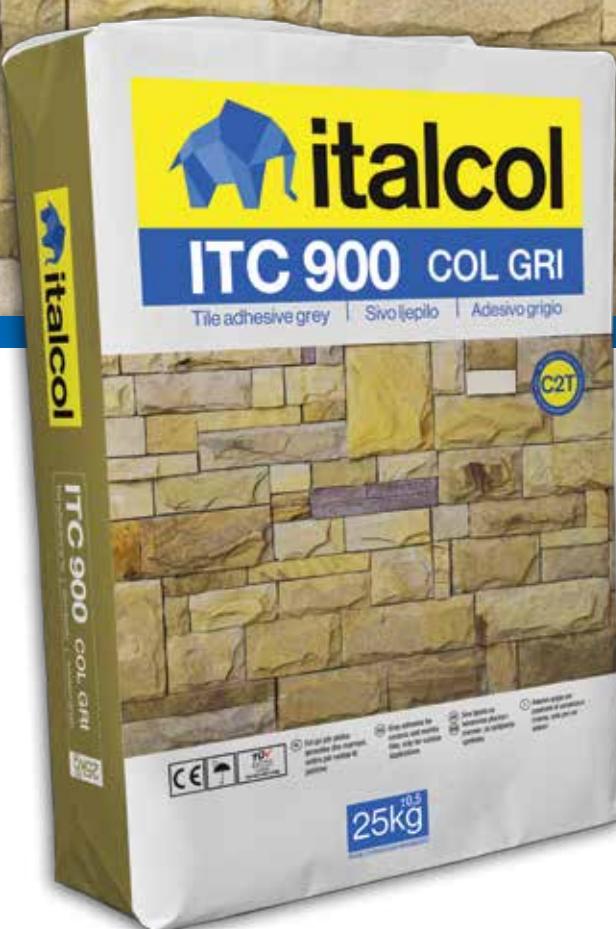
ITC 950 is subject to constant quality control from laboratory. Raw materials are selected and strictly controlled. Products are certified to ISO 9001-2008 standard and with the standard EN 12004: 2008 in C2TE category.

Notes:

- In the case of film formation on the surface of the adhesive is not necessary to wet the surface with water but stirr with a dented spatula.
- For application over existing floor tiles apply a layer of the adhesive over the tiles also.
- After about 24-48 hours ITC 10 may be applied.
- The material consumption is 4 kg/m².

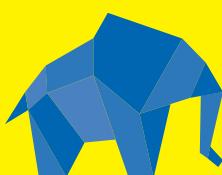
Related products:





ITC 900

Gray cement based tile adhesive, certified to 12004 European standard for adhesion, with high resistance to vertical tile sliding. Monocomponent material with very low amounts of organic substances and totally recyclable inerts. ITC 900 has long lasting workability and adapts to all conditions of application, and for all types of ceramic tiles laid on cement and mineral based supports.



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ITC 900: Application

1



Mix in a clean container adding about $\frac{3}{4}$ water of the total product quantity needed. Material must be poured slowly and mixed with a mechanical mixer with low laps. Water is added until a material with the desired consistency and homogeneous mass is created. It is possible to achieve a mixture with more or less consistency depending on the thixotropic based application that will be needed.

2



Application is carried out with a serrated spatula, based on the size and type of tile. At first open a thin layer of material with the flat side of the spatula to regulate the absorption of substrate. In cases of application on external environments and places of high human traffic, apply a double layer of the material to make sure that 100% of the slab is covered in the material.

3



Apply tiles making a slight movement under pressure and hit carefully so that the tile surface is in full contact with the adhesive. Any movement of the tiles must be avoided 40-50 min after the application.

Notes:

- In the case of film formation on the surface of the adhesive is not necessary to wet the surface with water but it should be stirred with a dented spatula.
- For application over existing floor tiles apply a layer of the adhesive over the tiles also.
- After about 24-48 hours may be applied ITC 10.
- The material consumption is 4 kg / m².

Related materials



USE

The material is used in outdoors for façades and floors as well. It can be used on concrete and self levelling ITC FLOOR, over traditional mortar but it has lower consumption when used over ITC 50. ITC 900 can also be applied above Capot systems binded by ITC CAPOT.

This material can be used to cover pavement surfaces with different ceramic tiles, porcelains, various mosaics, marble tiles of various dimensions, higher absorption tiles, etc.

It can be used in interior and exterior Floors and walls, in residential, business & industrial environments, and in areas with very low to near freezing temperatures. Not for use in gypsum in plastic surfaces, metal and wood, wet substrate or a substrate with a trend of increasing humidity, and in environments with continuous presence of water.

SURFACE PREPARATION

- Substrate must be clean from dust, oils and fats, no humidity should be present, and no damaged part of the substrate should be left unrepaired. The substrate must be stable, without channels and must have passed the stage of higrometric withdrawal. Possible channels or surface cracks on the layers should be repaired prior to usage of levelling products.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 900 should be used without adding other materials.

PACKAGING

ITC 900 is packed in sacks of 25 kg with a moisture protective layer.

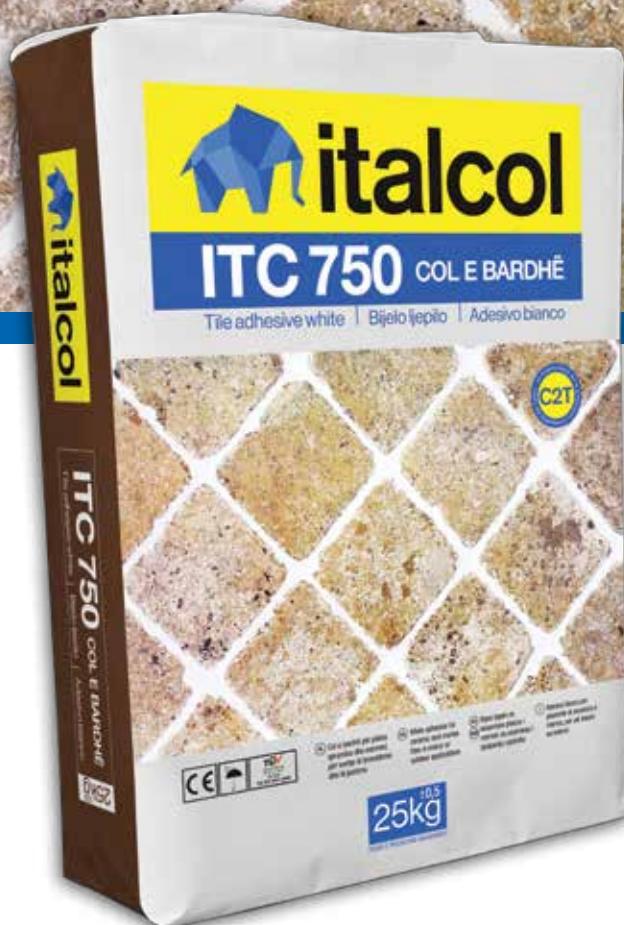
STORAGE

Store in a dry place for not more than 12 months.

QUALITY

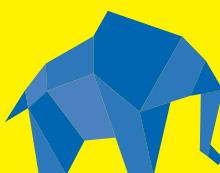
ITC 900 is subject to constant quality control from laboratory. Raw materials are strictly selected and controlled. Products are certified to ISO 9001:2008 standard and the standard EN 12004: 2008 in C2T category.





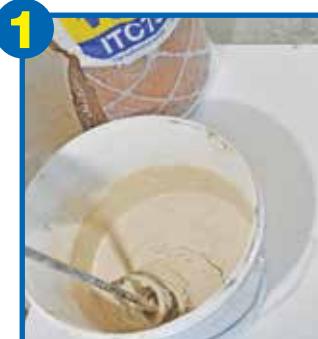
ITC 750

Dry, premixed, White Portland cement-based tile adhesive, with selected aggregates and specific additives to improve adhesion and workability. Certified material to coat substrates of indoor and outdoor environments, to lay various ceramic tiles, gres, mosaics, etc.



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ITC 750: Application



For each bag of 25 Kg ITC 750 add 6.5-7 liters of clean water and mix by means of a trowel or with low speed mechanical mixer to achieve a grainless, homogeneous mass. Mixing is done gradually by adding 3/4 of the amount of water.

The material must rest for 5 min before proceeding with the application phase.



At first open a thin layer of material with the flat side of the spatula to regulate the absorption of substrate. It is not necessary to wet the tiles before hand.



The tiles are applied by using slight pressure and a cautious hit so that the tile surface is in full contact with the adhesive. Laying of tiles should be performed within 40-50 min. from the application. Depending on the type of tile, the material can be also applied to the whole surface of the tile to provide better adhesion.

Notes:

- In the case of film formation on the surface of the adhesive it is not necessary to wet the surface with more water, instead remix with the serrated spatula.
- For laying tiles on polished floors, apply a layer of adhesive on the tiles also.
- Apply ITC 10 after about 24-48 hours.
- The material consumption is 4 kg/m².

USE

The material is used in the interior and exterior premises for paving and coating flat surfaces.

It is used on concrete and self-leveling ITC FLOOR, it is also used on traditional mortar but better workability and optimal consumption is obtained when used in surfaces with ITC 50.

This material may be used to pave surfaces with different ceramic tiles, stoneware, porcelain, various mosaics, etc.

It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 750 is used without adding other materials.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place for not more than 12 months.

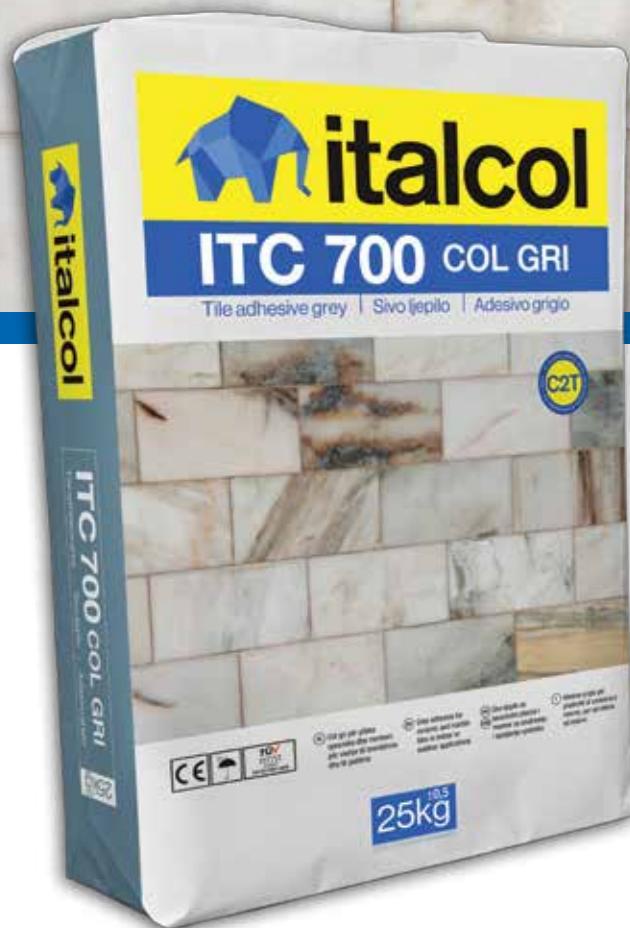
QUALITY

ITC 750 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008 standard in the C2T category.



Related materials





ITC 700

A dry, premixed, Grey Portland cement-based tile adhesive, with selected aggregates and specific additives to improve adhesion and workability. Certified material to coat the substrates of indoor and outdoor environments, to lay various ceramic tiles, mosaics, etc.



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ITC 700: Application



For each bag of 25 Kg ITC 700 add 6.5-7 liters of clean water and mix by means of a trowel or with low speed mechanical mixer to achieve a grain less, homogeneous mass. Mixing is done by adding gradually the amount of water.

The material must rest for 5 min before proceeding with the application phase.



At first open a thin layer of material with the flat side of the spatula to regulate the absorption of substrate. It is not necessary to wet the tiles beforehand.



The tiles are applied by using slight pressure and so that the surface comes in contact with the adhesive. Laying of tiles should be performed within 40-50 min. from the application. Depending on the type of tile the material can be applied to the whole surface of the tile to provide a better adhesion.

Notes:

- In the case of film formation on the surface of adhesive it is not necessary to wet the surface with more water, instead remix with the serrated spatula.
- For laying tiles on polished floors, apply a layer of adhesive on tiles also.
- Apply ITC 10 after about 24-48 hours.
- The material consumption is 4 kg/m².

USE

The material is used in the interior and exterior premises for coating and paving flat surfaces.

It is used on concrete and self-leveling ITC Floor, it is also used on traditional mortar but better workability and optimal consumption is obtained when used in surface with ITC 50.

This material may be used to pave surfaces with different ceramic tiles, stoneware, porcelain, various mosaics, etc. It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 700 is used without applying added materials.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC 700 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008 standard in the C2T category.



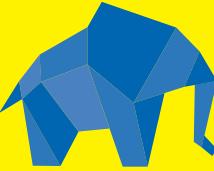
Related materials





ITC 650

A dry, premixed, White Portland cement-based, tile adhesive with selected aggregates and specific additives to improve adhesion and workability. Used to coat surfaces for ceramic tiles application in interior environments preventing vertical tile slip.

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ITC 650: Application



For each bag of 25 Kg ITC 650 add 6.5-7 liters of clean water and mix by means of a trowel or with low speed mechanical mixer to achieve a grain less, homogeneous mass. The material must rest for 5 min before proceeding with the application phase.



Remix with a trowel and spread the adhesive with a serrated spatula. Application thickness is guided by the serrated spatula. It is not necessary to wet the tiles beforehand.



The tiles are applied by using slight pressure and a cautious hit so that the tile surface is in full contact with the adhesive. Laying of tiles should be performed within 40-50 min. from the application. Depending on the type of tile, the material can also be applied to the whole surface of the tile to provide better adhesion.

Notes:

- In the case of film formation on the surface of adhesive it is not necessary to wet the surface with much water, instead remix with the serrated spatula.
- For laying tiles on exterior surfaces or on polished floors, apply a layer of adhesive on tiles also.
- ITC 10 may be applied after about 24-48 hours.
- The material consumption is 4 kg/m².

USE

The material is used for interior areas and for laying and coating flat surfaces. It is used on concrete and self-leveling ITC FLOOR, it is also used on traditional mortar but optimal workability and lowest consumption is achieved when used on surfaces treated with ITC 50. The material is used to pave surfaces with different ceramic tiles, stoneware, porcelain, various mosaics etc. It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt.
- Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 750 is used without applying added materials.

PACKAGING

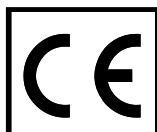
The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC 650 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008 standard in the C1T category.



Related products:





ITC 600

A dry, premixed, Grey Portland cement-based, tile adhesive with selected aggregates and specific additives to improve adhesion and workability.



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ITC 600: Application



For each bag of 25 Kg ITC 600 add 6-6.5 liters of clean water and mix by means of a trowel or with low speed mechanical mixer to achieve a homogeneous mass without grains.

The material must rest for 5 min before proceeding with the application phase.



Remix with a trowel and spread adhesive with a serrated spatula. Application thickness is guided by the serrated spatula. It is not necessary to wet the tiles beforehand.



The tiles are applied by using slight pressure and a cautious hit so that the tile's surface comes in full contact with the adhesive. Laying of tiles should be performed within 40-50 min. from the application. Depending on the type of tile the material can be also applied to the whole surface of the tile to provide better adhesion.

Notes:

- In the case of film formation on the surface of adhesive it is not necessary to wet the surface with more water, instead remix with the serrated spatula.
- For laying tiles on exterior surfaces or on polished floors apply a layer of adhesive on tiles also.
- ITC 10 may be applied after about 24-48 hours.
- The material consumption is 4 kg/m².

USE

The material is used for interior areas and for laying and coating flat surfaces. It is used on concrete and self-leveling ITC FLOOR, it is also used on traditional mortar but optimal workability and lowest consumption is achieved when used on surfaces treated with ITC 50. The material is used to pave surfaces with different ceramic tiles, stoneware, porcelain, various mosaics etc. It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 600 is used without applying added materials.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC 600 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008 standard in the C1T category.



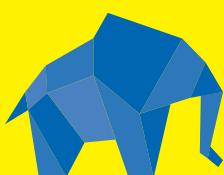
Related products:





ITC 550

A dry, premixed, White Portland cement-based tile adhesive, with selected aggregates and specific additives to improve adhesion and workability.



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ITC 550: Application



For each bag of 25 Kg ITC 550 add 6-6.5 liters of clean water and mix by means of a trowel or with low speed mechanical mixer to achieve a grainless homogeneous mass.

The material must rest for 5 min before proceeding with the application phase.



Remix with a trowel and apply adhesive with a serrated spatula. Application thickness is guide by the serrated spatula. It is not necessary to wet the tiles beforehand.



The tiles are applied by using slight pressure and a cautious hit so that the surface comes in contact with the adhesive. Laying of tiles should be performed within 40-50 min. from the application. Depending on the type of tile the material can also be applied to the whole surface of the tile to provide better adhesion.

Notes:

- In the case of film formation on the surface of the adhesive it is not necessary to wet the surface with more water, instead remix with the serrated spatula.
- For laying tiles on polished floors, apply a layer of adhesive on tiles also.
- Apply ITC 10 after about 24-48 hours.
- The material consumption is 4 kg/m².

USE

The material is used in the interior premises to coat flat surfaces. It is also used on concrete surfaces and auto-leveling ITC FLOOR.

This material is used for laying pavement surfaces with different ceramic tiles. It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt.
- Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 550 is used without applying added materials.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

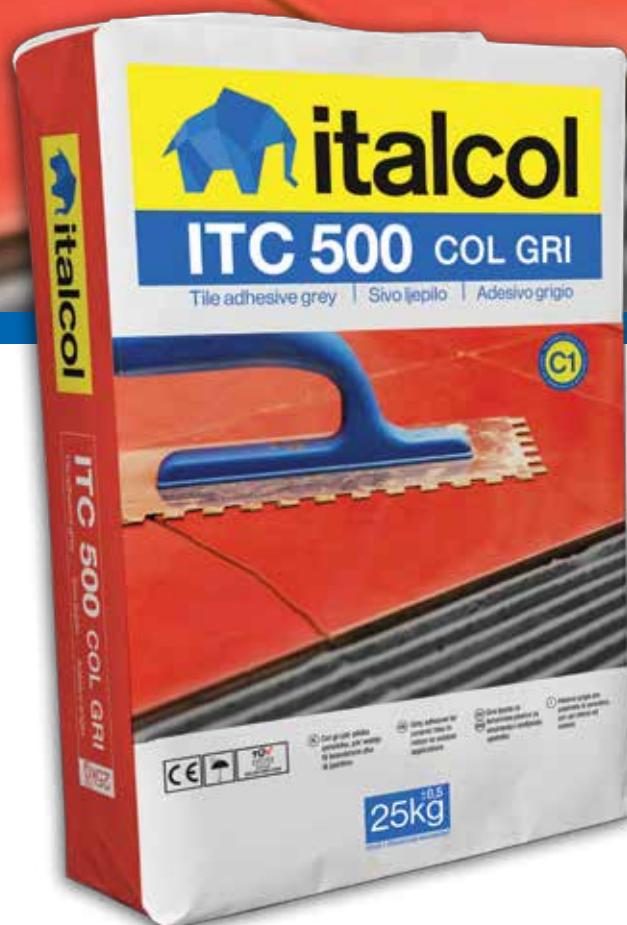
QUALITY

ITC 550 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008 standard in the C1 category.



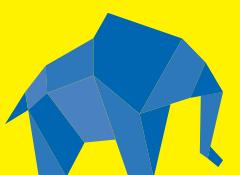
Related products:





ITC 500

A dry, premixed, Gray Portland cement-based tile adhesive, with selected aggregates and specific additives to improve adhesion and workability. Used to lay different kinds of tiles such as ceramics and porcelain in outdoor environments.



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ITC 500: Application



For each bag of 25 Kg ITC 500 add 6-6.5 liters of clean water and mix by means of a trowel or with low speed mechanical mixer to achieve a grainless homogeneous mass.

The material must rest for 5 min before proceeding with the application phase.



Remix with a trowel and apply adhesive with a serrated spatula. Application thickness is regulated by the serrated spatula. It is not necessary to wet the tiles beforehand.



The tiles are applied by using slight pressure and a cautious hit so that the surface comes in contact with the adhesive. Laying of tiles should be performed within 40-50 min. from the application. Depending on the type of tile the material can also be applied to the whole surface of the tile to provide better adhesion.

Notes:

- In the case of film formation on the surface of the adhesive it is not necessary to wet the surface with much water, instead remix with the serrated spatula.
- For laying tiles on polished floors, apply a layer of adhesive on tiles also.
- ITC 10 may be applied after about 24-48 hours.
- The material consumption is 4 kg/m².

USE

This material is used for laying pavement surfaces with different ceramic tiles. It should not be applied on gypsum, wood or metal surfaces.

It is also used on concrete surfaces and self-leveling ITC FLOOR.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- ITC 500 is used without applying added materials.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

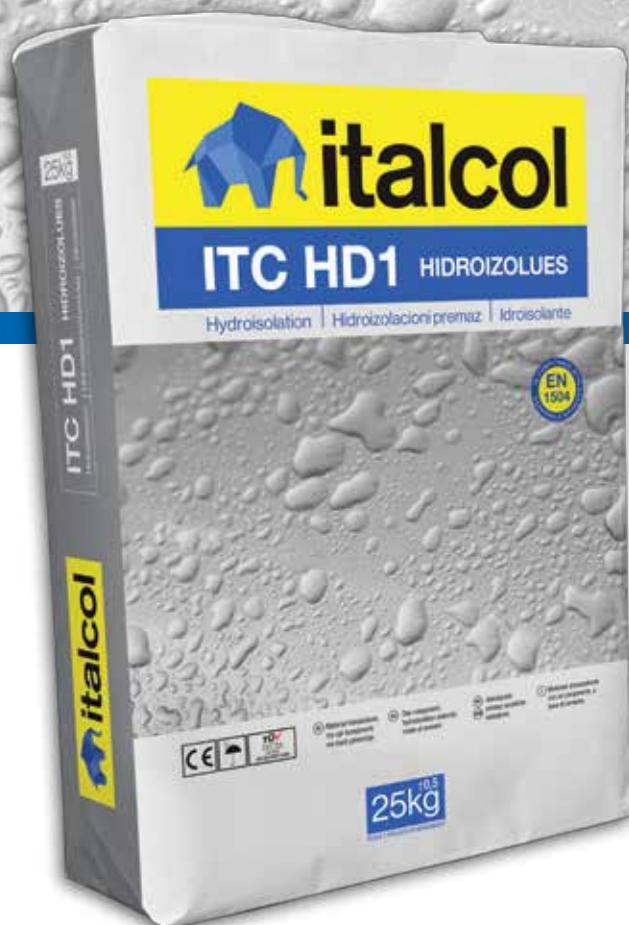
QUALITY

ITC 500 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008 standard in the C1 category.



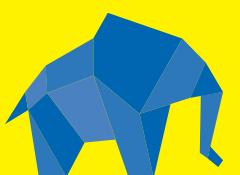
Related products:





ITC HD1

A pre-mixed one component, gray cement based hydroisolation material, which when mixed with water forms a layer of high mechanical resistance and waterproofing. It enters inside the surface blocking the passage of water.



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ITC HD1: Application



Mix only with 6.5-8 liters of clean water. The amount of water depends on the temperature at which the material will be applied.



Mix by means of a mechanical mixer with low speed until a homogeneous mass is obtained. Because of the additives do not leave material to rest but apply immediately.



Application is made with a metal screed, brush, or a roller. Second coat application is done after the first coat has achieved the necessary dryness, after 3-4 hours, but even more depending on weather conditions. The material should be applied horizontally along the wall to create a continuum.

For application in large surface areas or with possible movement (unstable, or with traffic) it is advised to place a fiberglass mesh during the application of the first layer, and then use the second layer to completely cover the mesh. The fiberglass mesh makes the structure more stable and prevents cracks.

Wait at least a week (depending on drying conditions) to proceed with adhesive materials application on the HD1 surface.

Notes:

- Accompanying material to ITC HD 1 are: ITC 500, ITC 550 and the whole range of adhesives produced by our company.
- Consumption is 2 kg/m² for a layer. The second layer has a consumption of 1-2 kg/m².
- Surface should be free from oils and other residues.

Related products:



USE

This material is for outdoor and internal use on concrete surfaces but also various mortars. It is used in terraces, bathrooms and basements where a considerable amount of water is present. It should not be applied on gypsum, wood, metal or previously painted surfaces.

SURFACE PREPARATION

- Surface of mortar and concrete must be clean and free of inert waste, high pressure water should be blocked. Mortar and concrete must be applied at least 14 day before the use of ITC HD 1.
- Pores in mortar and "channels" in the concrete should be cleaned with water and then blocked.
- The entire application area should be cleaned with water. All necessary repairs should be done several days before applying ITC HD 1.
- It is recommended to clean well with water all the equipment used, not letting ITC HD 1 dry.
- Wait at least one week before proceeding with laying or coating the surface with other materials.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC Hd1 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 1504 standard.

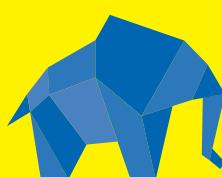
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ITC HD2

A two components, high-flexibility, cement-based, hydroisolation material, formulated to create a protective, waterproofing and leveling layer.



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ITC HD2: Application



A 25 kg bag of material from component A is mixed with 8-10 liters of material from component B, adding the dry material to component B.



Mixing is done by means of a mechanical mixer with low speed until a homogeneous mass is reached. The material is used immediately after mixing, because it may dry out and become unusable. It is recommended to mix small quantities of material.



It is recommended that this material be used together with the fiberglass mesh. This avoids surface cracks and damage to the system.

During the application of the first layer, place the fiberglass mesh on the surface, and then completely cover the mesh with material. This process has a material consumption of 2 kg/m².



A second layer, thinner than the first is applied to create a uniform surface and to achieve a better leveling.

Consumption for the second layer is about 1.5-2 kg/m². Application is made through a metal screed, brush, or a roller. Second coat application is made after the first coat has achieved the necessary dryness after 3-4 hours but depending more on weather conditions.

Notes:

- Accompanying material to ITC HD 2 are: ITC 500, ITC 550 and the whole range of adhesives produced by our company.

USE

For external and internal use on concrete surfaces but also on various mortars. It is used in terraces, bathrooms and basements where a considerable amount of water is present. It should not be applied on gypsum, wood, metal or previously painted surfaces.

SURFACE PREPARATION

- Surface should be free from oils and other residues.
- Surface of mortar and concrete must be clean and free of inert waste, high pressure water should be blocked. Mortar and concrete must be applied at least 14 day before the use of ITC HD 2.
- Pores in mortar and "channels" in the concrete should be cleaned with water and then blocked.
- The entire application area should be cleaned with water. All necessary repairs should be done several days before applying ITC HD 2.
- It is recommended to clean well with water all the equipment used, not letting ITC HD 2 dry.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC HD2 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 1504 standard.

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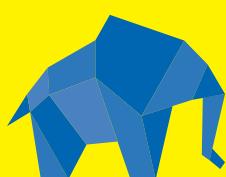
Related products:





ITC FLOOR

A dry, gray Portland cement-based levelling material with additives which enable very good spreading on the surface, long lasting workability and fluidity. A thin layer self-levelling material used to flatten irregularities of floors to be paved with parquet or tiles.



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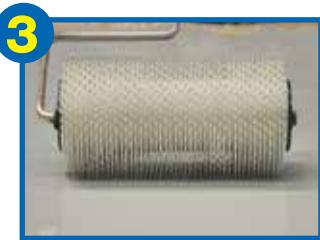
ITC FLOOR: Application



The amount of water per 100 kg of material is 26 liters. Mix the material with a drill with low speed until a homogeneous mass is achieved.



Large areas should be divided into smaller ones of 6-8m to achieve better finish. To apply the material, start at the furthest point of the room and use a metal screed to spread it.



Depending on the layer and drying conditions to avoid the formation of bubbles on the surface, pass a serrated roller through the entire material surface. Repeat the process until there are no air bubbles.

Let the material dry for 4-6 hours in temperature of 20 C. Wait 1-3 weeks before laying other material, above the ITC FLOOR. It is recommended to wait 1 week from the application of ITC FLOOR before laying tiles on the surface, and 2 weeks for parquet floors.

Notes:

- Consumption is 1.5 kg/m² per 1 mm layer thickness.
- Use of the primer improves fluency of self-leveling material. It also helps the adhesion of the self-leveller to the substrate and prevents bubble formation, dehydration of the material or premature drying. Primer also gives it a surface hardness approximate with the material. Also it prevents the passage of moisture from the surface to self-leveling material.
- Dry and porous substrates should be treated with two coats. Prior to applying each coat, primer should be used. It is recommended to wait 24 hours so the primer is completely dry before applying each coat of self-leveling material.
- Excessive amount of water causes separation and precipitation of heavy inert materials and weakens the strength of self-leveling surface.

Related products:



USE

It is used on concrete surfaces in indoor areas, residential buildings and large warehouses. Large irregularities should be filled beforehand. It should not be used on gypsum, polystyrol or previously painted surfaces.

SURFACE PREPARATION

- Substrate must be clean, free of dust, oils and other impurities that prevent adhesion. Holes and leaks in the substrate should be isolated several days prior to application of the material in order to dry the surface before using primer and self-leveling material.
- Surface repairs should be left to dry for at least 24 hours before applying the primer.
- Light ventilation of the area is needed, but the doors and windows must be closed to prevent air currents for at least 3 days after application.
- During the application and for at least 1 week following, the substrate and environment temperature should not fall below 10° C or rise above 25° C.
- High humidity in the substrate and poor drying conditions prolong drying time of material.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

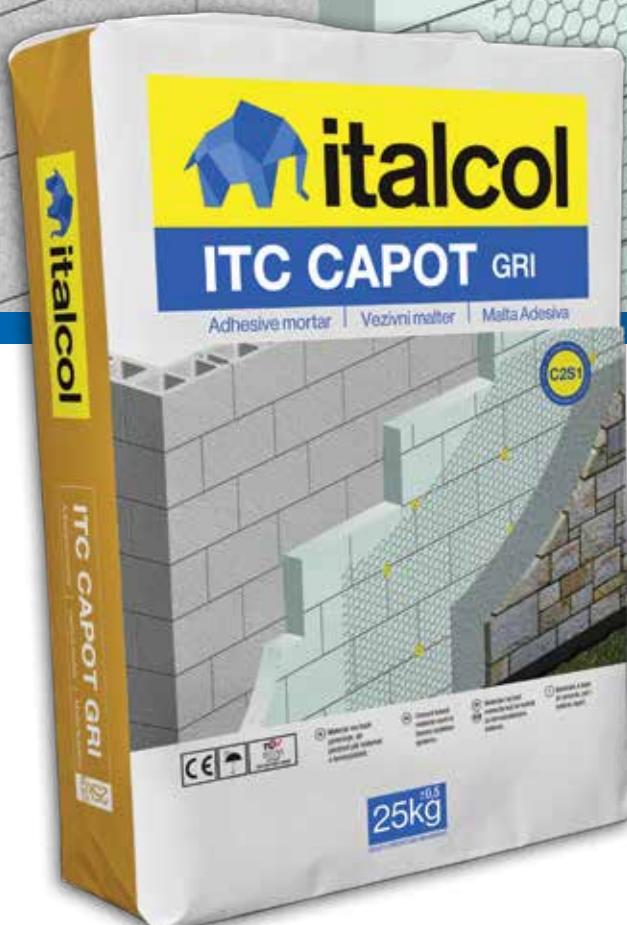
STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

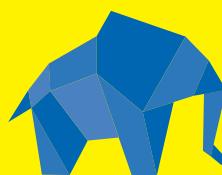
ITC FLOOR is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 13813 standard.





ITC CAPOT GREY

A grey 42.5 Portland cement-based mortar adhesive, with a large amounts of synthetic rhesins. It has great mechanical resistance and achieves very good adhesion of styrofoam to substrate during construction of thermo insulation systems.



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ITC CAPOT: Application



Application of the adhesive

When support is pretty flat, apply across the surface with jugged screed. When there are irregularities, the product is applied in lines parallel to the sides of the panel, and in the center, 2-3 points of about 5-10 cm diameter, same thickness.

Do not apply material on the sides of the panel as it could create thermal bridges.



Installation of insulation panels

Panels are applied bottom-up exerting little pressure manually. Hit lightly with a wooden or plastic tool to make sure that overall surface remains flat. Small lines between the tiles may be filled with the same material, however the adhesive should be never used to fill channel like spaces between the tiles.



Installation of mechanical anchors

Holes where screws (anchors) will be installed shall be 1-2 cm deeper than the anchors themselves. Anchor length shall be calculated so that they enter the support for at least 3 cm. At least 6 anchors/m² shall be used, one for each corner and the center where ITC CAPOT has been already applied. When building capot systems for buildings higher than 10m, use at least 8 anchors/m².



Application of other elements of assembly

All angles should be achieved through angular with mesh attached taking care of the angular position themselves appear in places that have water flow from raining. In positions of windows and door openings where there is a greater concentration of tensions should be used other pieces of mesh with a climbing of 45°.



Application of glass mesh

In cases of dry and warm weather it is necessary to wait for two days in between applications of styrofoam panels and glass mesh. ITC CAPOT is applied onto the styrofoam panel with a metallic trowel in a 2-3 mm layer. Then, the glass mesh is applied from ceiling to floor, making sure that glass mesh modules overlap for at least 10 cm. The glass mesh is immersed in ITC CAPOT. After finishing the first coat, a second coat of 1mm thickness is applied to obtain a smooth and uniform surface.



Application of decorative renders

A week after the glass mesh is in place, primer material is applied with a roller or brush. 24 hours after, the decorative render (i.e ITC FAÇADE) is applied.

USE

The material is mixed with clean water. 100 Kg requires 25-26 liters of water. Mix the material with a mechanical mixer until a homogeneous mass is formed.

Consumption of the material depends on the use and method of application:

- When used for attaching the net on polystyrol , the consumption is 3-4 kg/m².
- For application of material across the polystyrol surface the consumption is 4-6 kg/m².
- For application along the perimeter and interior points the consumption is 3-4 kg/m².

SURFACE PREPARATION

- The entire surface must be clean and dry. Remove material that inhibits adhesion to surface.
- Application surface should be free from dust and dirt. Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- Avoid application during the coldest and most humid times of the year. Minimum application temperature is 5°C. Below this temperature could be delayed the setting time.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

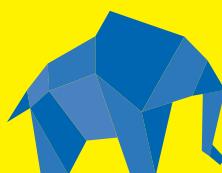
ITC CAPOT is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008.e sono conformi agli standard EN 12004: 2008.





ITC CAPOT WHITE

A white 42.5 Portland cement-based mortar adhesive, with a large amounts of synthetic rhesins. It has great mechanical resistance and achieves very good adhesion of styrofoam to substrate during construction of thermo insulation systems.



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ITC CAPOT: Application



Application of the adhesive

When support is pretty flat, apply across the surface with jugged screed. When there are irregularities, the product is applied in lines parallel to the sides of the panel, and in the center, 2-3 points of about 5-10 cm diameter, same thickness.

Do not apply material on the sides of the panel as it could create thermal bridges.



Installation of insulation panels

Panels are applied bottom-up exerting little pressure manually. Hit lightly with a wooden or plastic tool to make sure that overall surface remains flat. Small lines between the tiles may be filled with the same material, however the adhesive should be never used to fill channel like spaces between the tiles.



Installation of mechanical anchors

Holes where screws (anchors) will be installed shall be 1-2 cm deeper than the anchors themselves. Anchor length shall be calculated so that they enter the support for at least 3 cm. At least 6 anchors/m² shall be used, one for each corner and the center where ITC CAPOT has been already applied. When building capot systems for buildings higher than 10m, use at least 8 anchors/m².



Application of other elements of assembly

All angles should be achieved through angular with mesh attached taking care of the angular position themselves appear in places that have water flow from raining. In positions of windows and door openings where there is a greater concentration of tensions advised that used the other pieces of mesh with a climbing of 45°.



Application of glass mesh

In cases of dry and warm weather it is necessary to wait for two days in between applications of styrofoam panels and glass mesh. ITC CAPOT is applied onto the styrofoam panel with a metallic trowel in a 2-3 mm layer. Then, the glass mesh is applied from ceiling to floor, making sure that glass mesh modules overlap for at least 10 cm. The glass mesh is immersed in ITC CAPOT. After finishing the first coat, a second coat of 1mm thickness s applied to obtain a smooth and uniform surface.



Application of decorative renders

A week after the glass mesh is in place, primer material is applied with a roller or brush. 24 hours after, the decorative render (i.e ITC FAÇADE) is applied.

USE

The material is mixed with clean water. 100 Kg requires 25-26 liters of water. Mix the material with a mechanical mixer until a homogeneous mass is formed.

Consumption of the material depends on the use and method of application:

- When used for attaching the net on polystyrol , the consumption is 3-4 kg/m².
- For application of material across the polystyrol surface the consumption is 4-6 kg/m².
- For application along the perimeter and interior points the consumption is 3-4 kg/m².

SURFACE PREPARATION

- The entire surface must be clean and dry. Remove material that inhibits adhesion to surface.
- Application surface should be free from dust and dirt. Oil, wax or grease waste must be removed beforehand by wiping or scraping.
- Fresh adhesive must be protected from rain or strong sunlight for at least 24 hours.
- Avoid application during the coldest and most humid times of the year. Minimum application temperature is 5°C. Below this temperature could be delayed the setting time.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

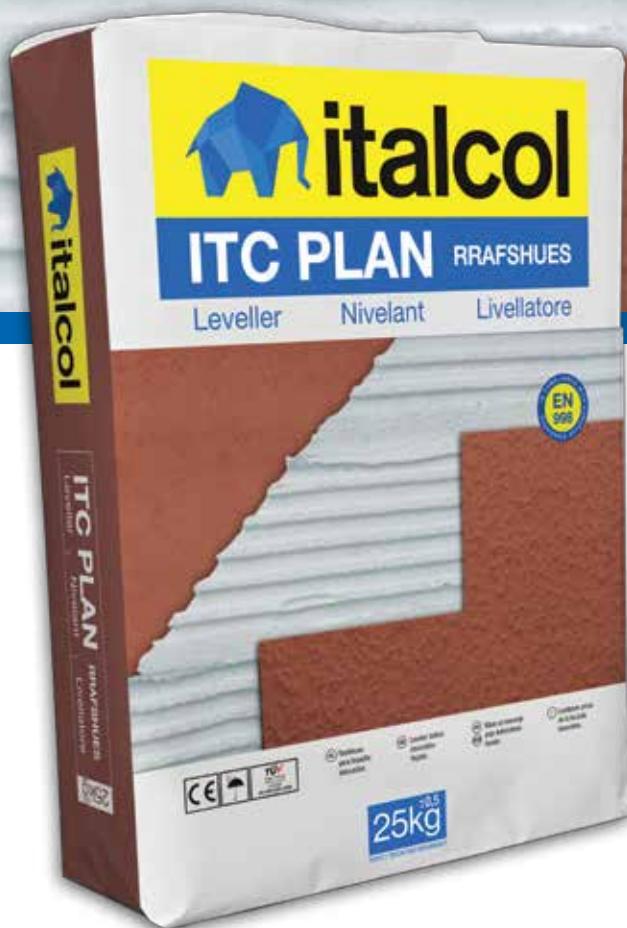
STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC CAPOT is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 12004: 2008.e sono conformi agli standard EN 12004: 2008.





ITC PLAN

A dry, white Portland cement based material, which is used to level various surfaces before applying the decorative facade. It has great workability and provides leveling of the surface, facilitating the application of the decorative façade material.



ITC PLAN: Application



Mix 25-26.5 liters of water per 100 kg of material, by means of a mechanical mixer with low speed until a grain less, homogeneous mass is reached. Let the material rest for about 5 minutes and then remix gently.



Spread material onto surface with a metal screed. Apply one coat when the surface has no major irregularities. Otherwise apply two coats.



Apply a second coat after the first has reached the required dryness, so that it may hold the weight of the second coat. Apply the first coat with a thickness of about 2 mm and a second hand thinner than the first.

Notes:

- Consumption of this product is 2-3 kg/m² for each coat applied.

Related products:



USE

It is used over traditional mortar surfaces, but better outcome and lower consumption is obtained when used on pre-prepared mortar ITC 50 or ITC 75. It is also used on surfaces with ITC 125 or ITC 175 finish. It is applied before the facade to level the surface in order to adjust the irregularities that are present in the surface such as: pores, "channels" etc. It is also used to provide good surface isolation before applying the facade.

The use of the leveler creates better binding of the surface to the facade material. It has very good workability and ease of spreading and drying.

It should not be used on gypsum, polystyrol or previously painted surfaces.

SURFACE PREPARATION

- The whole area must be clean, dry. Remove all material that prevents binding to the surface.
- Any irregularities in surface especially those that may lead to penetration of moisture should be eliminated.
- There should not be any oil, grease, or other materials on the surface which may hinder the work.
- Material is prepared with the addition of only clean water in amount of 25-26.5 liters.
- It is recommended to wait up to 48 hours so that ITC PLAN dries before applying the other façade materials. However, this depends on the weather conditions.

PACKAGING

- The item is packed in 25 kg bags with a protective layer from humidity.

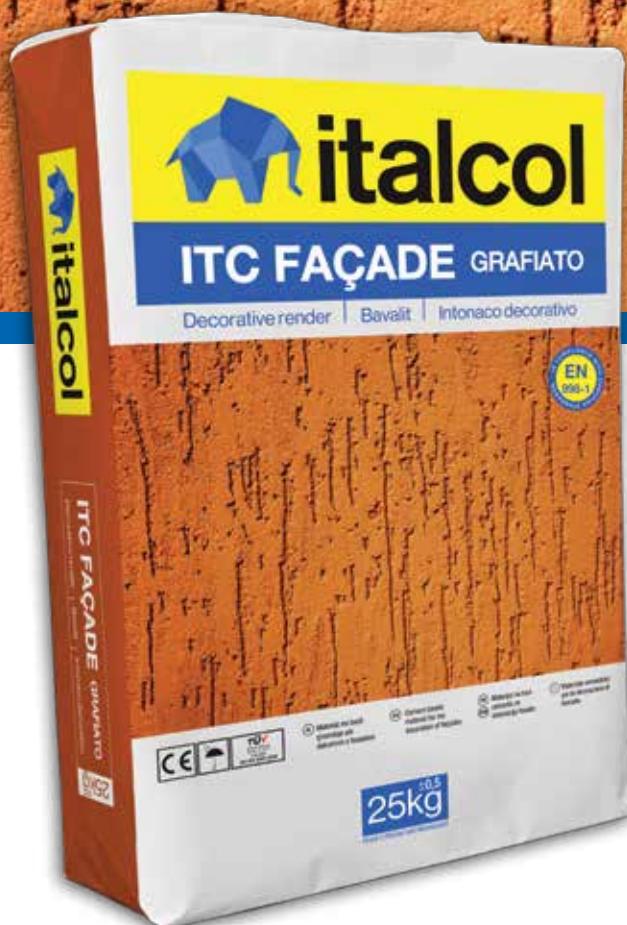
STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

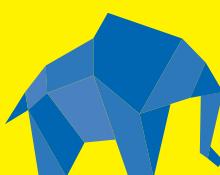
ITC PLAN is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1:2010 standard.





ITC FAÇADE

A wall coating material consisting of hydraulic binders, hydrated lime, selected aggregates (with dimensions of 1.5 mm, 2 mm, 2.5 mm, 3 mm), hydro-isolating materials and other additives to improve workability and adhesion.



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ITC FAÇADE: Application



For each bag of 25 Kg ITC FAÇADE add 6.5-7 liters of clean water and mix by hand or with mechanical mixer until a homogeneous mass is reached and there are no grains. Mixing time should not exceed 3 minutes.

It is advised to use the same amount of water for each bag. After mixing with water the material should rest for 10 minutes before application. Mixed material must be used within 2 hours, and if necessary mixed occasionally.



Spread the material with a metal screed in a uniform layer. Application of the material can be made by dividing the façade surface in small areas, not letting the material dry.



Final finish is done by a plastic sponge with various strokes according to the desired design. For ease of use and not to let the material dry quickly it is advised to divide the total surface area into smaller parts. Repeat the same pattern of scraping strokes over the entire surface to achieve a uniform appearance.

Notes:

- Depending on the granulometry (1.5 mm, 2 mm, 2.5 mm, 3 mm) consumption per square meter varies from 2.5 to 5 kg/m², the lowest consumption being for the lowest granulometry.
- ITC FAÇADE comes in the following granulometries:

1.5

2

2.5

3

USE

Used for interior and exterior decoration of different premises, whether residential or commercial facilities. It is used on various traditional surfaces; it has better results if used on pre-mixed products such as ITC 50 mortar, ITC 125 finish, ITC 175. It is recommended to be used on the surface previously treated with ITC PLAN. It is the material that seals a thermo isolating Capot Systems. It should not be used on gypsum, polystyrol or previously painted surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax, grease waste must be removed by wiping or scraping.
- For surfaces which tend to absorb water or are very smooth (even a normal surface) it is advisable to use a layer of ITC PLAN beforehand.
- This way of application is used to extend the drying time, this in cases when the surface which the material will be applied on is not leveled properly. It is used also to ensure a better adhesion of the façade to the surface and to create surface waterproofing.
- It is advisable to use material from the same batch for any work to be performed. Material should be applied only on dry mortar. Avoid application on the facade when there is strong wind or strong sunlight.
- Avoid application during the coldest and most humid times of the year. Minimum application temperature is 5° C.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC FAÇADE is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-2010 standard.



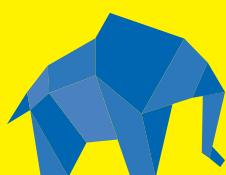
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ITC 50

A dry mortar composed of hydrated lime, Portland cement, selected aggregates and chemical additives that improve workability and adhesion.



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ITC 50: Application



Dry material is mixed with clean water in the amount of 25 liters of water per 100 Kg. Mixing may be done with a drill or in the pump that will be used for the application. After mixing with water the mortar should be applied within 2 hours, if necessary the material may be remixed occasionally with a trowel.



When masonry is optimal, mortar filler is applied through plaster pumps in a single layer of max 20 mm thickness. Application is done bottom-up using a straightedge with horizontal or vertical movements.



ITC 50 can also be applied manually with a trowel. For a higher than 20mm thickness, it is applied in more layers, waiting one day in between for the surface to become hard enough. First layer must be dry enough to carry the weight of the second layer.



Workability (scraping, scrubbing) should be carried out from 1.5 to 4 hours after application depending on the weather conditions and the type of surface.

Notes:

- Fresh mortar should be protected from frost and rapid drying. Minimum temperature of use and drying for the mortar is 5° C.
- Premises must be aired after application until the material is totally dry, avoiding large fluctuations in temperature. Application in the presence of strong wind may cause the formation of cracks and “burning” of mortar.
- It is advised to adopt the necessary measures. Paints, other coats should be applied after mortar is totally dry. Avoid application in the presence of frost or when frost is expected in the following 24 hours.
- Material consumption is 14-15 kg/m² for each layer of 10mm.

USE

The material is used as first coat material for plastering internal and external surfaces. It may be applied using a plastering pump or manually. The material is used on different surfaces such as: concrete, bricks of different dimensions, concrete blocks etc. It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The masonry must be free from dust, dirt or salt residue. Oil, fat and wax waste must be removed.
- Smooth concretes should be sprayed with Ital Col Beton Contact
- Adding other elements requires fiberglass mesh applied on the surface of mortar.
- Gaps between the bricks should be closed well and gaps or potential damages in masonry should be closed.
- To facilitate the direction (water flow) of walls, use of cornerite and steering is advised.

PACKAGING

- The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC 50 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1:2010 standard.



Related materials





A close-up photograph showing a worker's hands wearing white gloves and orange protective sleeves. They are applying a greyish mortar from a trowel into a vertical crack between two concrete blocks. In the foreground, a 25kg bag of Italcol ITC 75 waterproofing mortar is visible, featuring the brand logo (blue elephant), product name, and a smaller image of the application process.

ITC 75

A Dry, pre-mixed mortar used in walls and ceilings including basement works and surfaces where there may be water or moisture. It is a cement and lime based material, which when mixed with water creates a waterproof mortar. The material is for horizontal or vertical use, indoors or outdoors and for surfaces with moisture.

The Italcol logo, which consists of a stylized blue elephant icon followed by the word "italcol" in a bold, lowercase, sans-serif font. Below it, the tagline "the partner to build with" is written in a smaller, lowercase, sans-serif font.

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ITC 75: Application



Mix only with clean water. For each 25 Kg bag the amount of water varies as follows:

- For applications in the corners of the walls and at juncture of floor and wall: 2.75-3 liters of water
- For manual applications: 3-3.5 liters of water
- For machinery applications: 3.25-3.5 liters of water

Mix the material by means of a pump or by mechanical mixer until a homogeneous mass is reached. Re-mix after 10 minutes if necessary.

Manual Application

Apply binding material (spray) in a thickness of approximately 2mm, before mortar. Apply the first layer of mortar with a thickness of 10mm. Leave the surface rough for the use of the second layer.

Machinery Application

Spray mixture with pump in the desired thickness, in two layers of total 20mm. The first layer is left a little rough for the application of the second layer. The second layer is applied immediately after the first layer is dry enough to hold the weight of the second one.

Once the application is done, the material is leveled by means of a straightedge.

Once the material is dry enough, wipe it with a hard sponge trowel in such a way as to create a leveled surface ready for the application of the final layer.

Notes:

- Common ways of handling mortar are recommended. Wait at least 4 days before applying other coats.
- Wait 4 days and air out the area to avoid condensation.
- Accompanying materials to ITC 50 are: Beton Contact; ITC 125; ITC 175; ITC FAÇADE; ITC PLAN; ITC 700, and the entire range of adhesive products.

USE

Used as first coat material for plastering interior and exterior surfaces. It may be used with a plastering pump or manually. It is used on surfaces such as: concrete, bricks of different dimensions, concrete blocks etc. It should not be used on gypsum, wood, metal or previously painted surfaces.

SURFACE PREPARATION

- Surface should be free from dust, oil, grease, paint.
- Brick surfaces should be free of other inert residues which affect the workability of material. Isolate waterflow during application.
- Gaps between bricks, concrete blocks or "channels" on concrete surfaces should be cleaned and then closed with the same material.
- Temporary boards may be used to apply the necessary thickness of the material. Where the floor and the wall join, and also at corners of walls, the material is applied in such a way as to create a continuous layer.
- Clean the entire area with water before applying the mortar.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC 75 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1:2010 standard.

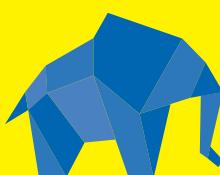
Related materials





ITC 125

A dry mortar skim coat, composed of hydrated lime, gray Portland cement, selected aggregates and chemical additives that improve workability and adhesion.



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ITC 125: Application



In cases of old surfaces, or traditional mortar it is advised to wet the surface beforehand. Avoid application when freezing temperatures occurred the prior day, and avoid getting it wet because it may freeze and damage the finish.



For each bag of 25 kg is necessary to add 7 - 7.5 liters of water and mix by hand or with mechanical mixer with the lowest speed. The mixing time with mechanical mixer should not exceed 3 minutes and the mixture must be used within 2 hours. It is advised that the material be occasionally mixed by means of a trowel.



The application should be done with a metallic screed with one or two layers with a maximum thickness of 2-2.5 mm for each of the layers. It is recommended that before applying the second coat, the first layer must have reached the necessary dryness to carry the weight of second hand.



Once the material is dry then wipe the application surface with a wet sponge until the desired final appearance is reached. At higher temperatures or when surface is very dry, wet the material with small amounts of water.

Notes:

- Material consumption is 2 kg/m² for each layer of 1mm.
- Fresh mortar should be protected from frost and a rapid drying. Minimum temperature of use and drying of mortar is 5° C. Premises must be aired after application until the material is totally dry, avoiding large fluctuations in temperature.
- During summer, for surfaces exposed to the sun it is advisable to wet the material for a few days after application. Paints, coats are applied after mortar is totally dry.

USE

This material is mainly used in interior and exterior premises as second layer of wall coating.

It is used on traditional mortar but better workability and optimal consumption is obtained when used in surface with ITC 50.

It should not be applied on gypsum, wood, metal or previously painted surface.

SURFACE PREPARATION

- Application surface should be free from dust and dirt. Oil, wax, and grease waste must be removed beforehand by wiping or scraping. Wet dry mortar surfaces beforehand.
- Fresh mortar should be protected from frost and a rapid drying. Minimum temperature of use and drying of mortar is 5° C. Premises must be aired after application until the material is totally dry, avoiding large fluctuations in temperature.
- During summer, for surfaces exposed to the sun it is advisable to wet the material for a few days after application. Paints, coats are applied after mortar is totally dry.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

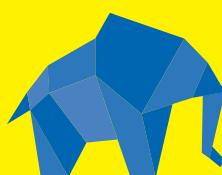
ITC 125 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1: 2010 standard.





ITC 175

A dry mortar skim coat, composed of hydrated lime, white Portland cement, selected aggregates and chemical additives that improve workability and adhesion.



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ITC 175: Application

1



In cases of old surface, or traditional mortar it is advised to wet the surface beforehand. Avoid applying when freezing temperature occurred the prior day, and avoid getting it wet because it may freeze and damage the finish.

2



For each bag of 25 kg it is necessary to add 7 - 7.5 liters of water and mix by hand or with a mechanical mixer (drill) with the lowest speed. Mixing time with mechanical mixer should not exceed 3 minutes and the mixture must be used within 2 hours, it is advised that the material be occasionally mixed by means of a trowel.

3



Application should be done with a metal screed, in one or two layers with a maximum thickness of 2-2.5 mm for each of the layers. It is recommended that before applying the second coat, the first layer must reached the necessary dryness to support the weight of second-layer.

4



Once the material is dry then wipe the application surface with a wet sponge until the desired final appearance is reached. At higher temperatures or in cases where the surface is very dry, wet the material.

Notes:

- Material consumption is 2 kg/m² for each layer of 1mm.
- Fresh mortar should be protected from frost and a rapid drying. Minimum temperature of use and drying of mortar is 5° C. Premises must be aired after application until the material is totally dry, avoiding large fluctuations in temperature.
- During summer, for surfaces exposed to the sun it is advisable to wet the material for a few days after application. Paints, coats are applied after mortar is totally dry.

USE

This material is mainly used in exterior and interior premises for wall coating as a second layer. It is used on traditional mortar but better workability and optimal consumption is obtained when used in support with ITC 50. It should not be applied on gypsum, wood, metal or previously painted surfaces.

SURFACE PREPARATION

- Application surface should be free from dust and dirt. Oil, wax, and grease waste must be removed beforehand by wiping or scraping. Wet dry mortar surfaces beforehand.
- Fresh mortar should be protected from frost and rapid drying. Minimum temperature of use and drying of mortar is 5° C.
- Premises must be aired after application until the material is totally dry avoiding large fluctuations in temperature.
- During summer, for surfaces exposed to the sun it is advisable to wet the material for a few days after application. Paints, coats are applied after mortar is totally dry.

PACKAGING

The item is packed in 25 kg bags with a protective layer from humidity.

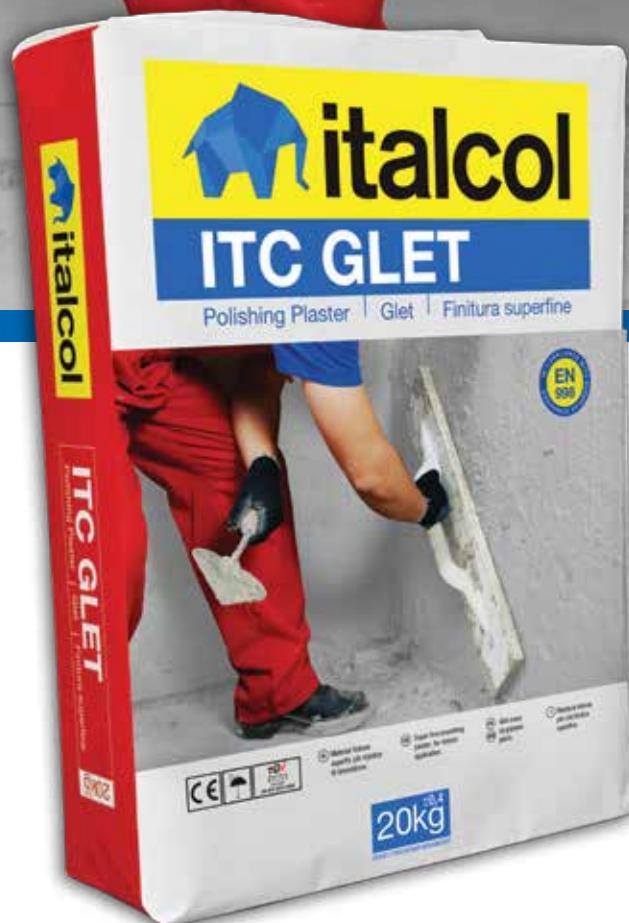
STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

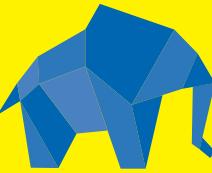
ITC 175 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1: 2010 standard.





ITC GLET

A white cement-based fine finish, used to coat concrete layers or used as a second layer on traditional finish with a maximum thickness of 2 mm. The end result of the wall or ceiling will be smooth and very white, so it may not need painting. ITC GLET may be used in indoor premises which are dry and free of moisture.

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ITC GLET: Application



In cases of old surfaces or traditional mortar it is advised to wet the surface beforehand. Application is not recommended when there have been freezing temperatures the prior day. Avoid getting it wet because it may freeze and damage ITC GLET.



Before using ITC GLET it is recommended to treat the surface with sandpaper in order to make it smooth and lower the consumption of material.



For each bag of 25 kg is necessary to add 7 - 7.5 liters of water and mix by hand or with low speed mechanical mixing (drill). Mechanical mixing time should not exceed 3 minutes and the mixture must be used within 2 hours. Occasionally remix the material with a hand trowel.



The spreading is carried out with a metal screed in one or two layers with a maximum thickness of 1.5-2 mm for each of the layers. It is recommended to wait until the first layer is dry so it can support the weight, before applying the second coat.



To reach the final levelling of the surface it is advised to scrub it with a plastic trowel.

Notes:

- Product consumption is 1.5kg/m², for a layer of 1mm.

USE

This material is mainly used for external and internal premises for wall coating as second layer. It is used on traditional mortar, but optimal workability and lowest consumption is obtained if used on surfaces applied with ITC 50, and also surfaces treated with ITC 175. It should not be applied on gypsum, wood or metal surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax and grease waste must be removed by wiping or scraping beforehand.
- Wet the surface of dried mortar beforehand.
- The material should be protected from frost and rapid drying. Minimum temperature of use and drying of plaster is 5°C.
- Air out the area after the application until it is totally dry and avoid large fluctuations in temperature. During the summer, for surfaces exposed to the sun it is advisable to wet the material for several days after application.
- Wait until material is completely dry before applying any paints on it.

PACKAGING

The item is packed in 20 kg bags with a protective layer from humidity.

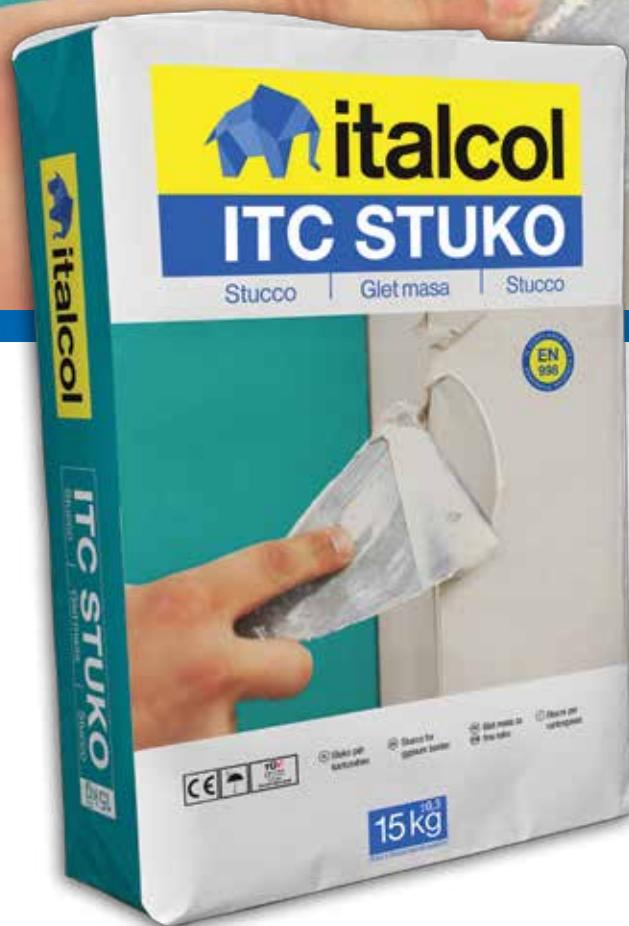
STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

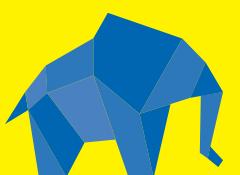
ITC Glet is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1:2010 standard.





ITC STUKO

A fine, white cement-based material used to coat concrete layers or gypsum board surfaces. This will result in walls and ceilings that will be smooth and very white, so they may not need further painting. ITC STUKO may be used indoors and outdoors on surfaces which are dry and free of moisture.



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ITC STUKO: Application



For each bag of 25 kg add 7-7.5 liters of water and mix by hand or with mechanical mixing (drill) with low speed. Mechanical mixing time should not exceed 3 minutes and the mixture must be used within 1hr. It is advised to occasionally mix the material with a hand trowel.



The spreading is carried out with a metal screed in one or two layers with a maximum thickness of 1.5-2 mm each. It is recommended to wait until the first layer is dry enough to support the weight of the second one.



Once the material is completely dry, if necessary, sandpaper may be applied to the surface to give it a more uniform look.

Notes:

- Material consumption is 1 kg/m² for each layer of 1mm.

USE

This material is mainly used for external and internal surfaces for wall coating as second layer.

It is used on gypsum and gypsum board surfaces. It is used on traditional mortar, but optimal workability and lowest consumption is obtained if used on surfaces applied with ITC 50 and also surfaces applied first with plaster finish.

It should not be applied on wood, metal or painted surfaces.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax and grease waste must be removed by wiping or scraping beforehand.
- Wet the surface of dried mortar beforehand.
- The material should be protected from frost and rapid drying. Minimum temperature of use and drying of plaster is 5°C.
- Air out the area after application until it is totally dry, avoiding large fluctuations in temperature. During the summer, for surfaces exposed to the sun it is advisable to wet the material for several days after application.
- Wait until material is completely dry before applying paint on it.

PACKAGING

The item is packed in 15 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC STUKO is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 998-1:2010 standard.



TÜV
AUSTRIA
HELLOS
01012267
EN ISO 9001:2008



Related products:





A worker wearing white gloves is applying white tile grout (ITC 10) between tiles using a trowel and a float. A bag of italcol ITC 10 grout is shown in the foreground.

ITC 10

A fine, white cement based material used to fill the lines of various dimensions between the tiles. It has very good workability and ease of application. ITC 10 may be used in tiles set in interior and exterior premises.



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ITC 10: Application



For each bag of 5 kg is necessary add about 2 liters of water and mix by hand, low-speed mechanical mixer (drill), or with a trowel.

Mechanical mixing time should not exceed 3 minutes and the mixture must be used within 1hour, and it is advised to occasionally mix material with a hand trowel.



Spread the material with a plastic screed across the paved surface.



Once the material is dry, use a damp sponge and carefully clean the surface where the application is made without exerting pressure on the cracks.

Notes:

- ITC 10 comes in the following colors:



USE

This material is used in internal and external premises to fill the lines of various dimensions between the tiles.

It is used on all types of tiles, marble, stoneware, porcelain etc.

SURFACE PREPARATION

- The application surface should be free from dust and dirt. Oil, wax and grease waste must be first removed by wiping or scraping.
- The material should be protected from frost and rapid drying. Minimum temperature of use and drying of plaster is 5°C.
- Air out the area after application until it is totally dry avoiding large fluctuations in temperature.

PACKAGING

The item is packed in 5 kg bags with a protective layer from humidity.

STORAGE

To be stored in a dry place not more than 12 months.

QUALITY

ITC 10 is subject to constant quality control from laboratory. Raw materials are also strictly selected and controlled. Products are certified according to ISO 9001-2008 standard and EN 13888 standard.



Related materials



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