

OVERVIEW

Maxicrete is an economical, 2-component, permanent waterproofing system for concrete and masonry. It is ideal for use in areas which are dimensionally stable, such as foundations, facades, retaining walls, etc.

It is especially recommended for waterproofing concrete and masonry substrates of bathrooms, kitchens and roofs, prior to tiling works. It is applied by brush, roller or spray and after drying can be walked on uncovered. After application the Maxicrete system forms a tough, durable waterproof coating.

PRODUCT GRADES/CODES

White	68513
Grey	68613

PROPERTIES

Maxicrete is supplied as a two component, powder (cement based) and resin (acrylic based) system, to be mixed on site.

Maxicrete Resin:

Maxicrete resin is based on acrylic resins, resistant to alkalinity.

Maxicrete Powder:

Maxicrete powder is based on special cements and precisely graded fillers, wetting and adhesion promoters.

ADVANTAGES

- Easy to mix and apply
- Seamless permanent waterproofing
- Tough durable coating
- Good adhesion to dimensionally stable substrates
- Vapour permeable
- No water addition required

AREA OF USE

Maxicrete is suitable for waterproofing concrete and masonry substrates in the following areas:

- Bathroom & kitchen floors
- Roofs
- Foundations
- Retaining walls
- Irrigation canals
- Planter boxes
- Facades

PREPARATION OF SURFACE

Ensure all dirt and foreign matter is cleaned off the areas to be coated. Remove any ridges or form oil. Dusty or flaking surfaces must be cleaned thoroughly, then primed with TERRACO Penetrating Primer Clear or Terrabond A (diluted 1:3 with water).

APPLICATION & CLEANING OF TOOLS

Application Condition:

Do not apply above 40°C or below 5°C. Do not apply if rain is expected within 24 hours of application.

Mixing and Application Procedure:

Mix the components in the ratio shown in the technical data and apply in 2 to 3 coats to achieve an overall thickness of 1.4 – 2.0 mm, with total material consumption of 2.5-3.8 kg/m² (for under tile application: 1.4 to 1.6mm & for exposed areas: 1.80 to 2.00mm total application thickness is recommended) Add powder to resin and use a high speed mixer with spiral head attachment to achieve a lump free homogeneous mix. Apply using brush, roller or spray. If spraying, add only enough water to bring to the correct sprayable consistency.

Leave a minimum of 4 - 6 hours between coats. Mixed Maxicrete must be used within 1 hour of mixing (do not re-temper with additional water).

Cleaning of tools:

Tools and equipment should be cleaned with water immediately after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Maxicrete Resin is supplied in 5kg jerricans. Maxicrete Powder is supplied in 15kg paper bags. Maxicrete Combo Kit of 20.25kg is supplied in plastic pails.

Store material in a clean dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold. Unopened packs can be stored for 12 months. Use oldest material first.

TECHNICAL DATA

Product	General purpose cementitious acrylic waterproof slurry.
Binders	Hydraulic (Maxicrete Powder) and organic (Maxicrete Resin).
Fillers	Crushed, precisely graded filler (Maxicrete Powder).
Colour	Grey and natural white (mixed Maxicrete).
Application Condition	5°C to 40°C.
Mixing Ratio	15kg Powder : 5kg Resin
Specific Gravity	1.75 ± 0.05 (mixed Maxicrete, 1 part of resin: 3 parts of powder).
Pot life	1 hour
Material Consumption	1.7-1.9kg/m ² for 1mm thick layer (mixed Maxicrete).
Drying Time	3 hours in normal conditions (mixed Maxicrete). Recoating time 6 hours.
Packaging	Maxicrete Resin : 5kg jerricans. Maxicrete Powder : 15kg paper bags. Maxicrete Kit : 20kg pail (5kg resin (jerrican) + 15kg powder (bag) + 0.25kg Terrabond A).
Storage	12 months in original unopened packs.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

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