

## Technical Characteristics:

Base	Modified Silicone
Consistency	Paste
Curing System	Moisture Cure
Skin Formation	5 min.
Curing Rate	3 mm/24h
Hardness	60 ± 5 Shore A
Specific Gravity	1,50 g/ml
Maximum Deformation	± * 20 %
Elastic Recovery	> 75 %
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 %	2,30 N/ mm <sup>2</sup>
Elongation at break	400 %

(\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

## Product

Stix All is a high strength adhesive which bonds anything to anything within minutes. It has instant grab and high load bearing capacity. It can be applied even on the wet surface and in under water applications. It is a green product with zero odor and VOC compliance.

## Characteristics:

- High initial tack reducing the need for initial support
- Fast curing, quick build-up of end strength, high sheer strength after full cure (no primer)
- Easy to apply and easy to tool and finish
- Remains elastic after curing
- No odour
- Does not contain isocyanates, silicones nor solvents
- Paintable with all water based paints
- Good colour stability, weather and UV resistance
- Good adhesion on wet substrates

## Applications

Instant fixing of ACP , Glass, Mirror, Wood, Steel, Tiles, Sanitary Ware etc with any substrate. Sealing and bonding of heavy natural stones like Marble, Granite , Sandstone etc.

Excellent for perimeter ceiling of doors and windows, roofs, seams and cracks in bathrooms, toilets and kitchen.

Sealing and bonding in the building and construction industry.

Elastic bonding of panels, profiles and other pieces on the most common substrates (wood, MDF, chipboard, etc).

Elastic bonding in vibrating constructions.

## Packaging

Colour: white,clear

Packaging: cartridge 280ml

## Shelf life

9 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +27°C.

## Resistance to chemical agents

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrocarbons.

## Substrates

Suitable for all usual building substrates, several metals and plastics (except PP, PE, PTFE, silicones and bituminous substrates).

We recommend preliminary tests previous to application.

Surface should be clean, dry and free of dust and grease. Pre-treat the porous surfaces. In water immersed applications surface should be primed with a suitable primer.

We recommend preliminary adhesion tests previous to application.

## Application

Method: Manual-or pneumatic caulking gun.

Application temperature: +5°C until +45°C.

Tooling: Within tooling time, before skin formation.

Repair with: STIX ALL.

## Health and Safety Recommendation

Apply the usual industrial hygiene.

Check the packaging for more information.

## Remarks

- STIX-ALL may be painted, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. The drying time of alkyd resin based paints may increase.
- STIX-ALL can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonate, etc... may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests.
- While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding. For optimum adhesion the use of Surface Activator is recommended.

- This product can not be used as a structural glazing sealant.

- STIX-ALL can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface. STIX-ALL Tack can therefore only be used on the bottom of natural stone tiles.
- When applying, make sure not to spill any sealant on the surface of materials.