



Fixer GPU

Medium modulus polyurethane sealant

Description

Fixer GPU is a professional high-quality sealant based on polyurethane technology which cures by reacting to moisture to form a durable elastic rubber.

Benefits

- Excellent adhesion without primer on most substrates
- High mechanical performances
- Permanently elastic
- Paintable with water-based paints

Standards Compliance

Fixer GPU comply with the following standards

- ASTM C920, type S, Grade NS, class 25
- TT-S-00340C Class A Type II
- CAN\CGB-19.13-M87

Applications

Fixer GPU was developed as a sealant for connection and expansion joints in concrete, wood, metal, aluminum and PVC frames and masonry.

Directions Of Use

A joint with the correct dimensions can absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm. Color deviations may occur due to exposure to chemicals, high temperatures, UV-radiation (especially with color shade white). However, a change in color will not adversely influence the technical performance or the durability of the product.



Technical Data	
100 % modulus (DIN 53504 S2)	0,35 N/mm ²
Application rate (Ø4 mm/3 bar)	150
Application temperature	+5°C to +40°C
Base	Polyurethane
Curing time (@ +23°C/50% RH)	3mm/24 hours
Density (ISO 1183-1)	± 1,23 g/ml
Elongation at break (DIN 53504 S2)	± 750%
Flow (ISO 7390)	< 3mm
Frost resistance during transportation	Up to -15°C
Joint movement	25%
Shearing strength (ISO 4587)	± 1,1 N/mm ²
Shore A hardness (DIN 53505)	35
Shrinkage (ISO 10563)	<10%
Skin formation (@ +23°C/50% RH)	70 minutes
Temperature resistance	-30°C to +70°C
Tensile strength (DIN 53504)	2 N/mm ²
Values taken at +23° C and 50% R.H. standardized laboratory conditions. Data may vary depending on site conditions.	

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, and bituminous substrates
- Not suitable in combination with chlorides (pools)
- Slight yellowing may occur when white sealant is exposed to ultraviolet rays



Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free from grease and dust. Clean substrates with Cleaner. Fixer GPU adheres perfectly without the use of primer to most non-porous substrates. Porous substrates to be pre-treated with W68 from Fila Surface Care solutions (contact technical support for more information) Always test adhesion prior to application. Use Finisher to smooth the joint.

Paint ability

Fixer GPU is perfectly paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommend testing compatibility with paint prior to application. If Fixer GPU is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with Heavy Duty Scour Pads. For the best results, we recommend painting a few days after application.

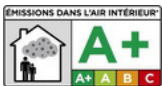
Certifications



EN 15651-1: F-EXT-INT-CC 25HM
EN 15651-4: PW-EXT-INT-CC 25HM



SNJF F25E



A+ French VOC Regulation
ASTM C-920

Cleaning

Uncured material and tools can be cleaned by using Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Wipes.

Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 18 months from production date.

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

Warranty & Guarantee

warrants that its product complies, within its shelf life, to its specification.

Related Products

- Ceramic Home offers a variety of to the tiling market including:
- High quality Spanish origin ceramic and porcelain tiles.
- Tiling accessories and trims.
- Tile adhesive products.
- Customized cut and polished tile pieces.
- Porcelain based furniture.

Legal Disclaimer

Ceramic Home endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products as it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Ceramic Home has the right to change any of the specifications mentioned in the technical data sheets upon its discretion without prior notification. Kindly refer to our website for the latest updated technical data sheets