

Kiilto Pro Masa fix and sealant



A multipurpose adhesive sealant for construction, ship, boat and transport industries. Good resistance against weather and UV radiation. Paintable. Solvent-free. Also suitable for movement joints exposed to mechanical wear.



LEED



The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.

- Good adhesion to various materials, good resistance against weather and UV radiation, available in several colours
- NSF registered: Can be used in areas where food is handled.
- For bonding and sealing
- Coverage 5 x 5 mm joint, approx. 12 m/cartridge
- Drying time 3 mm/d, approx. 10 mm/7 d
- Suitable for indoor and outdoor use

AREA OF APPLICATION

Good adhesion on various stones, concrete, most metals, wood, glass and glazed surfaces as well as epoxy and polyester surfaces. For plastic materials adhesive tests are recommended prior to actual use. M1-emission classification for building products. Solvent-free, does not contain isocyanates or phthalates. Paintable with most water-based paints (always test before use). Very good resistance against weathering, good resistance against UV radiation. Good resistance against chemicals (weak solutions). Salt water resistant. Not suitable for glazing.

INSTRUCTIONS FOR USE

Materials being used must be dust-free, dry and free from grease and oil. When gluing large uniform surfaces or surfaces in very dry conditions, we suggest spraying lightly with water (approx. 5–10 g/m²). We recommend cleaning surfaces with Kiilto Cleaner 303 and priming with Kiiltoflex Metalliprimer.

Cut open the cone at the front end of the cartridge. Screw the extrusion tip in place and cut it to appropriate size to fit the joint width. Apply adhesive using a manual or compressed air pistol, and smooth with a moistened trowel to desired shape, if needed. Close the package carefully after use. Uncured product can be removed with white spirit or acetone. Cured product can only be removed mechanically. Prevailing conditions such as air humidity and temperature, substrate's material and humidity as well as the amount of adhesive applied have a strong impact on the skin time and drying.

TYPE/BINDER	Silyl modified polymer
CONSISTENCY	paste with high viscosity
DENSITY/SPECIFIC WEIGHT	approx. 1.59 kg/l
COLORS	white, beige, light grey, dark grey, oak, brown, black, red
LAP SHEAR STRENGTH	2.2 N/mm ² (SS-SS)
TENSILE STRENGTH	2.1 N/mm ² (DIN 53504)
ELONGATION AT BREAK	400 % (DIN 53504)
HARDNESS	Shore A 40
SHRINKAGE	approx. 2 %
VISCOSITY	approx. 1.5 million mPas (BrookField H-Path T-F/2.5 +20 °C)
SKIN TIME	approx. 15 min (23 °C, 50 % RH)
CURING RATE	3 mm/d, approx. 10 mm/7 d (23 °C/50 % RH)
APPLICATION TEMPERATURE	+1 - +40 °C

**ADDITIONAL INFORMATION**

The information given in this product data sheet is based on our tests and our practical knowledge. The technical data is defined in standard conditions. Variations in local working conditions and methods will affect the product performance and result. The result is strongly affected by working methods. We guarantee the high quality of our products according to our Quality Management System. No liability can be accepted from incorrect use of the product or prevailing conditions, over which we have no control. Thus, we cannot be held responsible for the final result. The correct use of the product presupposes that the user has made him/herself aware of the contents of the working instructions and procedure guide, if provided.

ENVIRONMENT AND SAFETY

Avoid unnecessary skin contact and exposure with the fresh product, use safety gloves. Refer to material safety data sheet. For information on product and package disposal, visit www.kilto.com.

TEMPERATURE RESISTANCE WHEN DRY	-40 - +90 °C, +180 °C / 30 min
COVERAGE	5 x 5 mm joint, approx. 12 m/cartridge
MAX. JOINT DISTORTION	± 10 %
STORAGE	18 months, unopened (+10-25 °C)