

PIGAFLEX 180

**Water-based acrylic sealant for indoor and outdoor applications,
high quality**



DESCRIPTION

Pigaflex 180 is a high quality one-component sealant in acrylic dispersion for indoor and outdoor use. After application, the product forms a soft elastoplastic rubber by evaporation of water. It has good resistance to UV, weathering, high and low temperatures.

Certified and tested according to:

EN 15651 – 1: Type F - EXT - INT

EMICODE EC 1 PLUS

APPLICATION FIELDS

It adheres to the most common building materials, painted metals, aluminum, and various plastic materials (excluding PE, PP, PTFE). Sealing of window / frame joints, boxes, window panels; joints with moderate movement between concrete, brick and wood. Sealing of butt joints and overlaps in ventilation / air conditioning systems.

FEATURES

- Rain-resistant after application
- For indoor and outdoor use
- Good elongation to joint movement
- Non-sagging
- Paintable with water-based or synthetic paints
- Slight odour
- Easy to apply and clean, with excellent workability
- Good adhesion without the use of a primer on most substrates, even slightly damp ones
- Not corrosive to metals

TECHNICAL DATA

Colour	White, grey
Specific gravity [g/cm ³] (NPT Method 06) (23°C and 50% RH)	ca. 1,62
Sag resistance [mm] (ISO 7390)	< 1
Shore A (DIN 53505)	ca. 20
Skin forming time [min] (23°C, 50% R.H.)	ca. 15
Volume shrinkage [%]	ca. 23
Elongation at break [%]	ca. 250
Joint movement capability [%] (ASTM C920)	± 11
Temperature resistance [°C]	-25 ÷ 80
Crosslinking speed [mm] (NPT Method 07) (24h - 23°C and 50% RH)	ca. 2.0
Application temperature [°C]	from +5 to +40

APPLICATION

The surfaces must be clean, free from friable parts, ice; possibly moisten the surfaces, especially the very porous ones (eg plasterboard) to prevent too rapid hardening from causing cracks and / or detachments. Within 20 'of application, smooth carefully (with water) to ensure effective contact with the surfaces. Do not apply in case of rain, if necessary protect the joint (usually 12 hours are enough). Not suitable for direct contact with water.

CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

Clean the tools used with water. Once hardened, the product can only be removed mechanically.

PACKAGING

PE-cartridge 300ml; 24 cartridges per box
Sausage 600 ml; 20 pieces per box

STORAGE AND SHELF LIFE

Pigaflex 180 can be stored for 24 months in its original packaging (unopened container).
Keep away from wet areas, direct sunlight and heat sources.

GENERAL INFORMATIONS

The information contained in this technical data sheet is to the best of our knowledge correct, being based on our knowledge and experience to date and cannot be used as a guarantee, due to the various different materials present on the market and the fact that the application conditions are not under our direct control and supervision. NPT srl, however, guarantees constant product quality. NPT srl, has the right to modify or up-date this technical data sheet according to requirements. Customers are kindly requested to verify that they are in possession of the latest version.

ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET BEFORE USING THE PRODUCT