Technical data sheet

PARABOND FACADE



CHARACTERISTICS

- Joint sealant
- Permanent elasticity
- Compatible with natural stone
- High resistance to UV
- Can be applied to dry and slightly damp surfaces
- Paintable
- Low elasticity modulus
- Very easy to pump and to apply, also at lower temperatures
- High resistance to ageing and weather conditions
- Solvent, isocyanate and phthalate free

APPLICATIONS

- Perimeter joints around window frames.
- Sealing of applications where the sealant requires a lower strength than the substrate, such as autoclaved aerated concrete (eg. Ytong stones).
- Sealing of prefab concrete elements and bricks.
- Indoor and outdoor use.

TECHNICAL CHARACTERISTICS	
Type of product	Hybrid polymer
Density (g/ml)	1.528
Number of components	1
Application temperature	+5°C - +40°C
Temperature resistance	-40°C - +90°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	2.5 - 3
Skin forming time at 23°C and 50% R.H. (min.)	30
Shore A hardness: ISO 868	30
Maximum permissible deformation: ISO 11600	20%
Modulus at 100% elongation: ISO 8339 (N/mm²)	0.46
Modulus at break: ISO 8339 (N/mm²)	0.65
% Elongation at break: ISO 8339	200
Shelf life of unopened product	12 months
Storage conditions	Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight.

PACKING AND COLOURS

20 x foil bag 600ML/box - 900 pieces/pallet
White, Chalk white, Light beige, Elephant grey, RAL7004 Signal grey, Panel grey, Deep black

METHOD OF USE

Preparation

- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.

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DL CHEMICALS Since 1936 Manufacturer of Sealants

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- The surface must be solid, strong enough and clean, dust and fat-free.
- If needed degrease the materials to be glued with Parasilico Cleaner, MEK, fire alcohol, ethanol.
- The user needs to make sure that the product is suitable for the application. Consult our technical service if necessary.
- Remove any water, water film or raindrops. The best adhesion is obtained on a dry surface.

Primers

- On highly absorbent surfaces we recommend to use the Hybrid & PU Primer (transparent or black, drying time about 15 min.).

Application

- Apply the product from the cartridge or foil packaging with a manual or pneumatic caulking gun.
- The size and shape of the joint is very important. Avoid thin joints.
- The depth of a expansion joint should be approx. 2/3 of the joint width. Shallow joints (on the bottom) provided with a self-adhesive tape or mousse tape to prevent three-sided adhesion. Filling too deep joints with mousse tape.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

Joint dimensions

- Suitable joint widths from 5 mm to 50 mm
- Joints with a width up to 10 mm: joint depth should equal joint width
- Joints wider than 10 mm: joint depth = (joint width/3) + 6 mm.

Tooling

- Smooth surface before skin formation with Perfect Joint Tooling Agent and/or the Perfect Joint Tool.

Cleaning

- Tools, surfaces and uncured residues can be removed with Parasilico Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes. Remainder of silicone can be removed with Silicone Remover after curing
- After curing remove mechanically.

Paintable

- If necessary, the surface must be cleaned before it can be painted over.
- Given the wide variety of paint types available, it is recommended to test the compatibility of the sealant/adhesive with the paint in advance.
- Alkyd paints might require an extended drying time.
- Paintable after curing with most water-based paints

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

POINTS OF ATTENTION

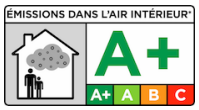
- Not suitable for permanent submersion.
- Not suitable for use on butiminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Colours can yellow slightly in the absence of UV light or through contact with smoke or detergents.
- Not suitable for use on EPDM.
- Not suitable for glazing joints.

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- Not suitable for contact with edge sealing of insulating glazing. Avoid direct contact.
- Not suitable for contact with PVB films of laminated glass. Avoid direct contact.

TECHNICAL APPROVALS AND QUALITY LABELS

- UKCA & CE according to EN 15651-1: F EXT-INT 20 LM
- French VOC emission class A+



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