

TECHNICAL DATA SHEET

STOPGAP 1

Hybrid Adhesive

PRODUCT DESCRIPTION:

STOPGAP 1 is a high-modulus, paintable, neutral-cure all-purpose sealant. It is gunnable and reacts with moisture in atmosphere to form a permanently flexible product.

CUSTOMER BENEFITS

- Solvent-free
- Isocyanate free
- Phthalate free
- Virtually odorless
- Excellent adhesion even without primer on properly prepared concrete, marble, brick, glass, ceramics, aluminum and stainless steel
- Rapid curing
- Stable at temperatures from -40 C to +80 C
- Tack-free and highly elastic after curing.
- Non-corrosive
- Paintable

AREAS OF APPLICATIONS

Expansion and construction joints in:

- Precast concrete panels and in-situ concrete
- Window and door frame surrounds
- Claddings
- Panel roofing
- Brick and block work, marble granite and GRC facades
- Crack-free, paintable connection joints
- For stress-relieving bonding and fixation.

SURFACE PREPARATION

Clean, dry and remove any oil, grease and loose particles from the substrates. All weak parts of the joint should be grinded and blown out with compressed air.

STOPGAP BACKING ROD (approximately 30% oversize) should be placed into the joint to the required depth. Optimum performance is achieved width: depth is 2:1. STOPGAP BACKING ROD is normally used as bond breaker, ensuring that the sealant bonds only to the sides of the joint. Alternatively, a debonding tape may be placed at the base of the sealing slot prior to the application of STOPGAP 1.

HEALTH AND SAFETY

STOPGAP 1 is non-hazardous and non-toxic but avoids any prolonged skin and eye contact by wearing suitable protective clothing.

It is also recommended that masking tape is placed over the sides of the joints and removed immediately after tooling.

Application

Apply **STOPGAP 1** with a barrel gun into the prepared joint and tool immediately to achieve a leveled surface.

PROPERTIES

Color	White
Density	1.4g/cm ³
Hardness Shore A	35
Temperature Resistance	-40°C to 90°C
Skin-forming time@23°C 50% RH	20-40 min.
Elongation @break	600%
Tear strength	12N/mm ISO 34-C
Tensile Strength	2.2 N/mm ²
UV Resistance	excellent
Resistance to Water	good

STOPGAP 1 is not suitable for glazing applications involving pronounced UV exposure

Prior to its use on marble or natural stone, **STOPGAP 1** should be tested for edge discoloration.

PACKAGING

STOPGAP 1 is available in 600ml aluminum sausages.

STORAGE

The shelf life for **STOPGAP 1** in unopened and undamaged packaging is 12 months. The product must be kept unopened and store under cool condition to prevent surface evaporation and should be protected from direct sunlight.

Important Note:

The information contained in this leaflet is published to the best of our knowledge and is supported by current available data. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. Our guarantee is therefore limited to the quantity of the supplied material.