



QUICSEAL 201

Product Name

One Part Moisture Cure P.U. Sealant

Description

QUICSEAL 201 is a low modulus elastomeric, non-sag, and polyurethane sealant. It is easily gunnable and reacts with moisture in atmosphere to form a flexible rubber seal.

Areas of Application

QUICSEAL 201 is recommended as a construction sealant for cementitious building materials, ceramics, glass, metal, anodized aluminum, wood and etc

Uses

Expansion and construction joints in :

- Claddings
- Window and door frame surrounds
- Precast concrete panels / movement joints in concrete
- Civil Defence Shelter Conduits
- Panel Roofing
- Tile Movement Joints

Advantages

- high durability
- can be painted over with acrylic dispersion paint
- ease of application with no mixing required
- non-slump on vertical surfaces
- very good aging, waterproofing and weathering properties
- excellent adhesion even without primer

Technical Data

Product Type	thixotropic polyurethane
Colors	Grey, white & black. Special colors available upon request
Shelf Life	12 months in foil sachets
Hardness Shore A	20
Service Temperature	-20°C to 80°C
Curing at 23°C 50% RH	2 mm / 24 hours
Resistance to Water	excellent
UV Resistance	excellent
Movement Accommodation	25 %

The product complies to Din 18540-F and US Federal Specification TT-S-00230C Type II Class A, ASTM C920 : 2001

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.

QUICSEAL 404 BACKER ROD (approximately 30% oversize) should be placed into the joint to the required depth. (Optimum performance is achieved when width: depth is 2:1) QUICSEAL BACKER ROD is normally used as a 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 QUICSEAL 201.

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

Application

Apply QUICSEAL 201 with a barrel gun into the prepared joint and tool immediately to achieve a leveled surface. To achieve optimum adhesion on porous substrate, QUICSEAL 201 Primer is recommended.

Packing

600ml per sausage

Coverage

QUICSEAL 201 $\frac{D \text{ (mm)} \times W \text{ (mm)} \times L \text{ (m)}}{1000}$ = No. of Litres needed

Sealant Depth

The sealant depth is dependent on the joint width and is calculated using the formula:

$$\text{Sealant depth} = \frac{\text{Joint width}}{3} + 6\text{mm}$$

Storage

The shelf life for QUICSEAL 201 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.

Safety Precautions

QUICSEAL 201 is non-hazardous and non-toxic but avoid any prolonged skin and eye contact by wearing suitable protective clothing.

Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL

Reference No. QS 201/040320

QUICSEAL CONSTRUCTION CHEMICALS PTE LTD