

**GRADA PUR STOP**  
Polyurethane Injection Resin

**Product Technical Document**

Issue: 12.10.2017

Revised:

**Definition**

**GRADA PUR STOP** is a solvent-free, two-component, water-cured injection polyurethane foam system.

**Usage Fields**

In concrete, pre-injection of cracks and joints, sealing of leaking water flowing through concrete, cracks and joint gaps.

**Features and Benefits**

**GRADA PUR STOP** is a solvent-free, injectable, insulating material that can react in humid environments and adheres well to wet surfaces.

**Technical Specifications**

Property	Unit	PUR STOP
Density (25 °C)	g/cm <sup>3</sup>	1,15
Viscosity (25°C)	mPas	700-900
Shelf life	Month	6
Adhesion time (25°C ve %55 at relative humidity)	Hour	2
Flash point	°C	>130
Application temperature range	°C	5-40

**Application**

If possible, wash the surface to be applied with high pressure, oil, rust, wax, dirt, etc. on the surface. clean it. Cement residues, loose particles, mold release agents, cured membranes must also be removed from the surface.

**To mix up:**

First, **PUR STOP** and **PUR STOP Catalyst** must be mixed. The catalyst is used between 1-10% depending on the ambient temperature and humidity of the application area. During mixing, the mixture should be kept away from moisture and water so that the reaction does not start prematurely.

**Application:**

The pump pressure is gradually increased until the injection reaches the desired rate. The injection level depends on the size of the cavity to be filled and the condition of the area to be applied in general.

**GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.**

Address: Çınardere Mah. Akan Sokak No:15 Kat:2 3 Nolu Bölüm Pendik-İstanbul/TURKEY

Phone: +90 216 379 83 53-52

Fax: +90 216 379 83 51

E-mail: [info@grada.com.tr](mailto:info@grada.com.tr)

Web: [www.grada.com.tr](http://www.grada.com.tr)

Property	Unit	Injection resin catalyst
Appearance		Light brown/yellow
Viscosity	cP	60
Density	gr/cm <sup>3</sup>	0,94
Flash point	°C	>110

#### Security precautions

- Use protective clothing, goggles, mask and gloves.
- Avoid contact with skin.
- In case of contact with eyes, mouth, nose and skin, rinse with plenty of water for at least 15 minutes and seek medical attention if necessary.

#### Storage

Store in original closed containers in dry conditions at a temperature range of 5-25 °C. Do not expose the packages to direct sunlight. Under these conditions, the shelf life of the material is 12 months.

#### Packaging

It is packaged in metal buckets and barrels. **PUR STOP: 25 kg+ PUR STOP Catalyst: 2,5 kg**

**STORING INFORMATIONS** : The packing of the product must be closed and its label informations must be complete. The expiration date of the product must be followed according to FIFO (First in First Out) rule. The storage conditions must be dry, cool and well ventilated. The product must be stored according to the technical safety informations and legal obligations. . It has a shelf life of 12 months in a close storage without moisture at 15–25 °C, in its original unopened package.

**HEALTH AND SAFETY** : Please pay attention to the safety signs and warnings on the packet. You should follow the safety and health instructions of the Material Safety Data Sheet (MSDS) that is prepared by certified technical team, according to international standart. Sufficient air-conditioning must be obtained by the time of application. Mask and gloves must be worn. Do not make direct contact or breath the vapour. Keep the product away from open flame resources.

#### **GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.**

Address: Çınardere Mah. Akan Sokak No:15 Kat:2 3 Nolu Bölüm Pendik-İstanbul/TURKEY

Phone: +90 216 379 83 53-52

Fax: +90 216 379 83 51

E-mail: [info@grada.com.tr](mailto:info@grada.com.tr)

Web: [www.grada.com.tr](http://www.grada.com.tr)