

**Definition / Tanımlama**

PURINCOAT SM 102 is a one-component, UV resistant polyurethane coating material. It cures with moisture on the surface and forms a high crack-bridging film resistant to weather conditions.

**Application Area / Uygulama Yeri**

- Ceramic, glass, tiles, and porcelain surfaces
- On ceramic tiles on balconies and terraces
- Used as a coating on granite, marble, glass, and aluminum sheets

**Advantages / Avantajlar**

- UV non-yellowing with its aliphatic structure
- Easy to apply with its low viscosity structure.
- It has a high adhesion strength
- Since it is aliphatic, it can be used outside as it does not turn yellow.
- Ready to use
- Worn and damaged parts are easily repaired

**Technical Properties / Teknik Özellikler**

No	Test / Analiz	Result / Sonuç	Unit / Birim	Test Code
1	Appearance	Transparent liquid	-	
2	Viscosity	< 200	cP (23°C)	ASTM 2196
3	Density	1,05	g/cm3 (23°C)	ISO 2811
4	Solid content	50	%	ISO 3251
5	Elongation at break	> 20	%	ASTM D 412
6	Maximum tension	15	N/mm2	ASTM D 412

**Preparation / Hazırlık**

The surface to be applied should be cleaned from oil, dirt, and dust. Also, there should be no moisture on the application surface. If the product is applied to a moist surface, there is a swelling of the surface and a decrease in adhesion. There is no need for additional primer application for the surface.

**Application / Uygulama**

After the ground control is done, the product is applied to the surface with a roller and brush. It should be applied as 0.20 kg / m2 for each layer.

**Cleaning / Temizlik**

Application equipment should be cleaned with a suitable solvent. Water should never be used in the cleaning process.

**Packing / Paketleme**

PURINCOAT SM 102 is shipped as a 20 kg bucket, 200 kg drum, and 1000kg IBC tank.

**Storage / Depolama**

PURINCOAT SM 102 is stored in its packaging at a temperature of 5-30 oC without opening the cap, its shelf life is 12 months. Since the product reacts with moisture in the air, it should be closed very well and if possible, nitrogen gas should be used in the closing process.

**Safety and Health / Güvenlik ve Sağlık**

PURINCOAT SM 102 is a prepolymer material, therefore, gloves and goggles should be used when working. Since the product contains a solvent, a mask should be used. Since the product reacts with water, avoid contact with your eyes.



**Note**

The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Bu teknik formdaki veriler kendi deneyimlerimiz ve bilgilerimiz referans alınarak hazırlanmıştır. Ancak bağlayıcılığı yoktur. Yapıya, uygulama amacına ve özellikle yerel koşullara göre ayarlanmalıdır. Verilerimiz, uygulama sırasında uyulması gereken mühendislik kurallarını referans almıştır. Satış teslim, hizmet şartlarımız ve koşullarımız kapsamında bu verilerin doğruluğundan sorumlu olmaktayız. Çalışanlarımızın bilgilendirme formlarımızdaki yer alan verilerden farklı önerileri ancak yazılı olarak verilmesi halinde bağlayıcıdır. Kabul edilen mühendislik kurallarına her zaman uyulmalıdır.

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