

**Definition / Tanımlama**

PURINCOAT RM 401 is a two-component, solvent-free liquid waterproofing membrane. Since it is solvent-free, it is suitable for use in waterproofing of water tanks.

**Application Area / Uygulama Yeri**

- On materials such as concrete, stone, eternit, metal
- On eavestrough, canals and canalettes
- On the roofs
- In drainage piles
- External waterproofing of water tanks
- Protection against moisture and leakage
- On retaining walls and curtain concrete
- In waterproofing under ceramic tiles on terraces

**Advantages / Avantajlar**

- Easy-to-apply since it is in liquid form
- Cures quickly thanks to its two-component feature
- Saves time
- Bridges cracks and provides permanent sealing
- No joint required
- Damaged areas can easily be repaired
- Provides water vapor permeability from the negative direction

**Technical Properties / Teknik Özellikler**

No	Test	Result / Sonuç (A)	Result / Sonuç (B)	Result / Sonuç (A+B)	Unit / Birim	Test Code
1	Appearance	Blue	Brown	Blue	-	
2	Viscosity	3800-4000	150-250	2500	cP (23°C)	ASTM 2196
3	Density	1,40-1,50	1,10-1,30	1,40	g/cm3 (23°C)	ISO 2811
4	Solid content	100	100	100	%	ISO 3251
5	Mixing rate	100	20	100:20	w/w	
6	Pot Life (23oC)			30 - 40	minute	ISO 9514
7	Hardness			80 - 85	Shore A	ASTM D 2240

**Preparation / Hazırlık**

The surface must be clean, dry and sound, free from any dirt that may adversely affect the adhesion of the membrane. The maximum moisture content on the surface should not exceed 5%. New concrete structures should be allowed to dry for at least 28 days. Old coatings, dirt, oils, organic substances and dust need to be cleaned by mechanical grinding. It is important to remove the roughness of the surfaces. Loose surface parts and dust from grinding must be thoroughly removed. When the floor is ready, the material should be prepared. Since the product has 2 components, component A and component B should be mixed in a container according to the mixing ratio in the technical information. Attention should be paid to the mixing ratio. In case of missing or excessive addition of one of the components, it may not show the values given in the product technical information.

**Application / Uygulama**

The prepared product should be poured onto the surface and spread with a brush or a roller until the entire surface is covered. After 16 hours, the second layer of the product can be applied. This period may be longer in cold weather. The product is applied at the rate of 0,6kg/m2 on each layer. It should be applied in two coats with an average consumption of 1,2kg/m2.

**Cleaning / Temizlik**

After the application, the equipment used should be cleaned with a suitable solvent.

**Packing / Paketleme**

PURINCOAT RM 401 is shipped in sets of 5+1 kg, 10+2 kg.

**Storage / Depolama**

If PURINCOAT RM 401 is stored unopened in its own package at temperatures between +5oC and +30oC, its shelf life is 12 months. Since the product reacts with the humidity in the air, the opened packages should be closed very well.

**Safety and Health / Güvenlik ve Sağlık**

PURINCOAT RM 401-B is an isocyanate-containing material. For this reason, gloves, goggles and masks should be used while working. If the product comes in contact with your skin, wash with plenty of water and soap. Avoid direct contact with your eyes as the product reacts with moisture.

**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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