

Definition / Tanımlama

PURINCOAT RM 703 is a one-component, filler-containing, aliphatic, water-based polyurethane dispersion resin liquid membrane. Thanks to its high elasticity, it forms a waterproof insulation membrane. The product contains 25% filler.

Application Area / Uygulama Yeri

- In wet areas,
- On materials such as concrete, stone,
- In storm drains, canals and drains,
- On terraces and rooftops,
- Protection of polyurethane foam applications,
- In cold storage,
- As insulation under ceramic tiles in swimming pools

Advantages / Avantajlar

- Since it is water-based, it can be applied on wet and damp surfaces,
- Provides UV resistance thanks to its aliphatic structure
- Easy to apply,
- Ready for use,
- Suitable for pedestrian traffic,
- Excellent elasticity
- As well as solvent-based materials, a second coat can be applied on the same day,
- Mechanically damaged, worn parts can be easily repaired.
- Long shelf life
- Non-toxic and non-flammable

Technical Properties / Teknik Özellikler

No	Test / Analiz	Result / Sonuç	Unit / Birim	Test Code
	Appearance	White - Grey	-	
	Viscosity	1300-1500	cP (23°C)	ASTM 2196
	Density	1,05-1,10	g/cm3 (23°C)	ISO 2811
	Elongation at break	300	%	ASTM D 412
	Maximum tension	4,5	N/mm2	ASTM D 412
	Hardness	70	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 should not exceed 5%. New concrete structures must be allowed to dry for at least 28 days. Old coatings, dirt, oil, grease, organic matter and dust must be removed by mechanical grinding. It is important to remove possible roughness on the surface. Any loose surface particles and dust from the grinding process must be thoroughly removed. Absorbent surfaces such as concrete, cement, screed and wood should be primed with PURINCOAT PR 701.

Application / Uygulama

The material should be mixed at low speed before use. Pour the material onto the prepared surface and spread it with a roller or brush until the entire surface is covered. The product should be applied completely on the applied surface, especially on the corners. After 16 hours, a second coat should be applied. It should not be applied thicker than 0.5mm for each layer. It should be applied in two or three coats with an average consumption of 2.0 kg/m²

Cleaning / Temizlik

After the application, the equipment used can be washed with water as the product is water-based. Otherwise, the material remaining on it will dry and stick.

Packing / Paketleme

PURINCOAT RM 703 will be shipped in plastic packages as 20kg, 60 kg, 120kg.

Storage / Depolama

PURINCOAT RM 703 has a service life of 18 months if stored unopened in its own packaging between 5-30oC.



Safety and Health / Güvenlik ve Sağlık

Keep out of the reach of children. Dispose of the packaging after use in accordance with the regulations.

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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