

Definition / Tanımlama

PURINCOAT IC 401 is a two-component polyurethane coating specially formulated for industrial coatings.

Application Area / Uygulama Yeri

- Used in areas where strong adhesion and protection are required.

Advantages / Avantajlar

- Fast Drying
- Medium Hardness
- Non-inflating structure
- High Performance
- Resilience
- Easy Implementation
- Environmentally Friendly

Technical Properties / Teknik Özellikler

No	Test	Result / Sonuç (A)	Result / Sonuç (B)	Result / Sonuç (A+B)	Unit / Birim	Test Code
1	Appearance	Transparan	Yellow	Light Yellow	-	
2	Density	1,05 - 1,08	1,10 - 1,13	1,07-1,10	g/cm ³ (23°C)	ISO 2811
3	Viscosity	200 - 250	250 - 300	220 - 280	cP (23°C)	ASTM 2196
4	Mixing rate	100	110		w/w	
5	Pot Life (23oC)	-	-	40	minute	ISO 9514
6	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 coating.

Application / Uygulama

Avoid contact of the two-component product with water. Before starting the process, PURINCOAT IC 401-A should be mixed internally at low speed. Components A and B should be mixed in a clean container according to the mixing ratio given in the specification table until a homogeneous mixture is obtained. Allow the prepared product to rest for 1 minute in order to remove the air bubbles formed during mixing and then apply. After mixing both components according to the given mixing ratio, the application should be done within 40 minutes. Otherwise, the product will cure in the container and cannot be applied.

Cleaning / Temizlik

Cleaning after application of PURINCOAT IC 401 begins with the immediate removal of any material residues left on equipment and surfaces with suitable solvents or cleaners. Immediate cleaning of equipment is important due to the rapid curing of the polyurethane. Appropriate personal protective equipment should be used during cleaning and waste should be disposed of in accordance with local environmental and waste management regulations. These steps ensure that the area remains clean and safe after application.

Packing / Paketleme

PURINCOAT IC 401 is shipped net in (10+11), (20+22) and (200+220) sets.

Storage / Depolama

The service life of PURINCOAT IC 401 is 12 months if stored in its own packaging, unopened, between 5-30oC. Since the product reacts with moisture in the air, it is recommended to use the opened packages completely. It is recommended to seal the half packages that you cannot use very well and, if possible, use nitrogen gas in the sealing process.

Safety and Health / Güvenlik ve Sağlık

PURINCOAT IC 401-B is a material containing isocyanate. For this reason, gloves and goggles must be worn while working. Since it is solvent-free, there is no need to use any mask. In case the product comes into contact with your skin, wash with plenty of water and soap. Avoid contact with your eyes as the product reacts in contact with water. 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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