

Definition / Tanımlama

PURINADHE SB 531 is a single component, low viscosity polyurethane glue that allows aggregate stones to adhere to each other. This product, which can be easily used outdoors due to its aliphatic structure, is also suitable for decorative use indoors due to its solvent-free. The surface reaches dryness within two hours at room temperature.

Application Area / Uygulama Yeri

- Indoor and outdoor floor applications
- Walking paths
- Garden decorations
- Parking areas
- Airports
- Use as a stone binder in many areas such as office and home floors as a stone carpet

Advantages / Avantajlar

- Fast-drying saves time
- Easy to apply with its medium viscosity structure
- Used for decorative purposes outdoors
- Usage rate is less than epoxies
- UV resistant
- Easy to apply
- Resistant to weather conditions
- Provides water permeability on stone floors
- Product does not crumble when freezing in winter

Technical Properties / Teknik Özellikler

No	Test / Analiz	Result / Sonuç	Unit / Birim	Test Code
	Appearance	Transparent	-	
	Density	1,13	g/cm ³ (23°C)	ISO 2811
	Viscosity	700	cP (23°C)	ASTM 2196
	Solid content	100	%	ISO 3251
	Elongation at break	30	%	ASTM D 412
	Hardness	20	Shore D	ASTM D 2240
	Tensile strength	38	N	ASTM D 412
	Maximum tension	21	N/mm ²	ASTM D 412
	Tack-free time	2	minute	ASTM C 679
	Pedestrian traffic	16	hour	
	Vehicle traffic	72	hour	
	Compressive strength	715	N	

Preparation / Hazırlık

The floor to be applied must be free from all kinds of dirt, oil, and especially water. After the cleaning process, the floor should be primed with PURINCOAT PR 106 product and the floor should be completely ready for application. After preparation, aggregate stones and then glue should be added into the mixer and mixed. The product usage rate given below should be determined according to the size of the stone used.

- for 1-2 mm stones = 8 %
- for 3-4 mm stones = 6 %
- for 5-6 mm stones = 5 %

Application / Uygulama

After the surface of the primer applied to the floor is dried, the stones mixed with the glue should be applied on the floor in equal thickness and the surface should be smoothed with a trowel. When the stones are completely dry, varnish can be applied on request, and with this application, the wear of the stones over time is delayed.



Cleaning / Temizlik

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

Packing / Paketleme

PURINADHE SB 531 is shipped as a 20kg bucket, 200 kg drum, and 1000 kg IBC.

Storage / Depolama

PURINADHE SB 531 is stored in its packaging at a temperature of 5-30 oC without opening the cap, its shelf life is 6 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

PURINADHE SB 531 is a prepolymer material. Since the product reacts in contact with water, avoid contact with your eyes. Therefore, gloves and goggles should definitely be used while working. Since it is solvent-free, it is not necessary to use any mask especially. If the product comes into contact with your skin, wash with plenty of water and soap. Dispose of the packages 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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