

Dura-Systems Top Coat Un-pigmented DS-450

Technical Data Sheet



Product Description

Dura-Systems Top Coat Un-pigmented is a reactive solvent-free, low-viscosity, 2-component methacrylic resin offering good resistance to water interaction. It serves primarily as a slightly elasticised top coat that is pigmented to any classic RAL colour.

The low viscosity enhances the penetrative capacity of the resin in sand-coated surfaces.

Application

Dura-Systems Top Coat Un-pigmented must generally be applied at rates of at least 0.5kg/m² in the first sealing coat and, if applicable, at least 0.5kg/m² in a second, optional seal.

The pail must be stirred intensively before adding the chosen Dura-Systems Pigment, then stirred further with the Dura-Systems Pigment before removing partial quantities to ensure colour consistency.

If you require any further information please contact your local Garland Technical Manager.

Technical Characteristics (Liquid State)

Property	Value	Method
Viscosity	180 mPa	DIN 53015
Density D420	0.98g/cm ³	DIN EN ISO
Flash Point	10°C	DIN 51755
Pot Life	Approx. 12 min	(20°C, 100g, 2% catalyst)
Processing Temperature (substrate temperature)	+5°C to +30°C	
Packaging	25kg metal pail	

Guideline Recipe

Component	Guideline recipe (% by weight)	Comments
Dura-Systems Un-pigmented Top Coat	90%	Average consumption 0.5kg/m ²
Dura-Systems Pigment	10%	
Dura-Systems Catalyst	1-3%	Refer to Dura-Systems Catalyst Dosages table

Catalyst Dosages

Temperature	Dura-Systems Catalyst (%)	Pot life (min)	Hardening time (min)
+5°C	3	20	45
+10°C	3	18	40
+20°C	2	12	30
+30°C	1	8	20



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Safety advice

Wear suitable protective clothing (gloves and goggles) when applying. Avoid contact with the eyes and skin. For further information, please refer to the safety data sheet

Shelf life

6 months if stored in the unopened original container in a cool (< 25 °C), dry and frost-free location. The optimal storage temperature is +15 °C to +20 °C. Do not expose to direct sunlight.

Disposal

Fully hardened material can be disposed of as domestic refuse.

Recycle completely empty containers

Dispose of liquid material as waste paint that contains solvents or other dangerous substances.

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