SHERWIN-WILLIAMS

Technical Data Sheet

DH1311-91249

Care Top 85 Base D

Product description

Two pack solvent borne topcoat for furniture and fittings. Meets high demands such as high build, toughness and appearance. Low formaldehyde emission during application, drying and from dried surface. Product for high gloss surface. The clear base, DH1311-90249, is approved for exterior doors together with the hardener DV061

Product data

Gloss:	N/A	Gardner 60°	
Solid content:	70 ±1	[weight %] theoretical	
Specific gravity:	1030 ±30	[kg/m³]	
Viscosity:	130-140	[s] DIN 4	test performed at 23 °C
Frost sensitive:	No		
Storing:	12 months	At 0-30 °C Storing at higher temperature reduces shelf life, do not expose to direct sunlight	
Process Temperature:	18-30 °C	To achive the best result and consistency follow the application and surface temperatures given in Schedule of Apllication for each specific technology and production line.	

Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Dilutant	Application viscosity [s] DIN 4	Application amount [g/m²]	Notes
Air mix spraying	DV309	12	DT890	20-30	100-150	Hardener added to 100 vol parts of paint
Curtain coater	DV309	12	DT890	40-60	100-150	Hardener added to 100 vol parts of paint
Spraying El. stat	DV059	12	NT019	20-30	100-150	Hardener added to 100 vol parts of paint
Air mix spraying	DV061	12	DT890	20-30	100-150	Exterior use/Hardener added to 100 vol parts of paint

Stir well before use!

Cleaning: NT019
DT890

Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	16-20 h	Depends on amounts applied
Forced drying	50 °C	40-60 min	Depends on amounts applied

All kind of drying requires good ventilation and circulation
Do not stack before surface temperature below 30 °C

Curing

UV-dose	Min UV dose [mJ/cm²] Hg lamps (280-320 nm)	Rec min Peak. [mW/cm²] Hg	Min UV dose [mJ/cm²] Ga lamps (390-450 nm)	Rec min Peak. [mW/cm²] Ga
Full cure	N/A		N/A	
Semi cure	N/A		N/A	

Note - Required Peak/Energy is depending on several factors, such as substrate, amount of application, number of layers and type of UV oven / reflectors. Recommended application amounts and Peak/Energy values will be stated in the finishing instruction/process control submitted by technician.

General information

According to Swedish legislation we provide information regarding dangerous materials. The Safety Data Sheet contains facts about the components, primarily solvents and acids which present the dangerous characteristics. The Safety Data Sheet will be sent on request. All values and recommendations above are to be considered as guidance only. Many factors beyond our control may have an influence on the coating result. Should a problem arise, please contact us and we will advise accordingly. We reserve the right to alter the above specifications.

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