

DERBIFLASH RS 281 CLEAR FINISH

DESCRIPTION

Derbiflash RS 281 Clear Finish is a two-component, rapid-setting, high-performance polymethyl methacrylate (PMMA) topcoat for Derbiflash RS waterproofing systems. Derbiflash RS 281 Clear Finish is used primarily as a colorless top coat for decorative vinyl chips and quartz surfaces.

ADVANTAGES

- ▶ Durable, UV-stable abrasion-resistant topcoat
- ▶ Rapid curing and easy application provides same-day application minimizing disruption to building operations and it's occupants
- ▶ Excellent chemical and corrosion resistance
- ▶ Aggregate surfacing and textured coatings offer a variety of enhanced durability and traction

SURFACE PREPARATION

Derbiflash RS finishes can be applied to clean, dry fully cured Derbiflash RS primer, membrane or mortar layers. Carefully inspect the in-place membrane for deficiencies before applying any finish or surfacing component. **NOTE:** Surface Imperfections will telegraph through surfacing and finishes and therefore must be corrected before proceeding. Refer to the Derbiflash RS application guide for specifications and recommendations.

MIXING INSTRUCTIONS

Using a slow-speed (200-400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before use. Only catalyze the amount of material that can be used within 10 - 15 minutes. Add the pre-measured catalyst to the resin and stir for two minutes before applying to substrate. The amount of catalyst required is determined by resin weight and ambient temperature. Refer to the catalyst information below.

CATALYST RATES (per 10 KG)			
Ambient Temperature	32 - 49°F	50 - 68°F	69 - 95°F
Catalyst Required	6 0.1 KG packets	4 0.1 KG packets	2 0.1 KG packets



WORKING TIMES* (at 68°F)

Pot Life	15 minutes
Rain Proof	30 - 45 minutes
Next Coat	45 - 60 minutes
Fully Cured	3 hours

WORKING TEMPERATURES

Ambient Temp	32 - 95°F
Substrate Temp	32 - 122°F
Resin Temp	37 - 86°F

*All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.

COVERAGE

Aggregate #1	~ 134 SQ FT
Aggregate #0	~ 154 SQ FT
Smooth	~ 179 SQ FT

APPLICATION

Derbiflash RS 281 Clear Finish should be uniformly spread across substrate with the required steel v-notch rake; using a roller to remove puddles. Finish the topcoat by lightly rolling in one direction slightly overlapping previously rolled sections to create a single uniform application. The same finish roller procedure and direction should be used throughout the entire application to produce the most consistent and uniform sheen possible. **IMPORTANT: Remove perimeter taping prior to membrane cure.**

For complete application and surfacing instructions refer the Derbiflash RS Application Guide for specifications.

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TECHNICAL CHARACTERISTICS*

PROPERTY	VALUE
Color	Transparent
Size	10 KG
VOC content	< 5 g/L

PROPERTY/UNIT	PROPERTY	ASTM TEST METHOD
Liquid Density @ 73.4°F (23°C)	8.7 lb/gal (1.05 g/mL)	D1475
Viscosity @ 73.4°F (23°C)	69 KU (510 cPs)	D562 Method A
Impact Resistance @ 73.4°F (23°C)	Shore A: 87	D2240
Abrasion Resistance 4 inch Disc	0.000055 lb (22.6 mg)	D4060

* All values shown are nominal and subject to normal manufacturing tolerances.

CLEAN UP

Brushes and rollers will remain pliable and usable if they are kept moving in liquid resin. If allowed to sit, they will stiffen quickly as resin begins to cure. Rollers and brushes should be discarded once they harden. Roller handles and metal tools may be cleaned with Derbiflash RS Cleaner. To minimize cleaning, wipe reusable handles and tools with clean, dry cloth as needed before resin components cure.

STORAGE & HANDLING

Store containers away from excessive heat and open flames. Containers should be stored in a cool, dry indoor environment at temperatures between 32 - 77°F. PROTECT FROM FREEZING. Approximate shelf life is 12 months from date of shipment when properly stored, sealed and unmixed.

