



## Technical Data Sheet

### Product description

: A very low VOC, two component Polyurea system designed to be used only as a base coat for full broadcast flake and quartz systems.  
This system is not UV stable. Must be Top coated

### Advantages

: Excellent adhesion  
2:1 ratio  
Low Odor  
Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate  
Self-leveling and increased hiding ability.  
VOC compliant.

### Uses

: Aircraft hangar floors  
Automotive shops  
Bathrooms and locker rooms  
Bridge decks and pillars  
Car washes or wash bays  
Industrial shop floors  
Maintenance facilities  
Primer/ Basecoat for use on concrete, wood, and block  
Sidewalks and walkways  
Wall coatings over sheetrock, wood and concrete

Technical Properties		
Mix Ratio		2A:1B
Color		Gray
Coverage Rate		150-200 sq. ft. per Gal.
Shelf Life		1 year
% Solids		100%
Viscosity		580-750
Density		8-8.4
Pot Life		25 minutes - 35 minutes
Cure Time		2 hours
Shore D Hardness	ASTM D2240	55-80

Cure Time	
Recoat Time	2 hours to 1 day at 70° F
Foot Traffic	6 hours at 70° F
Light Traffic	2 days at 70° F
Full Cure	5 days at 70° F



**Surface Preparation:** Substrate must be clean, dry, free of oil, grease, dust, and loose material.  
For concrete, mechanical grinding is recommended.  
For steel, SSPC-SP 10 (near white blast) with anchor profile 2-3 mils.

**Mixing:** Two-component system, mix part a and part b at the specified ratio (by weight or volume).  
Use a high-speed mechanical mixer (300-500 rpm) for 2-3 minutes until uniform. While mixing, scrape the bottom and walls of the container at least once to ensure a quality mix. Only prepare what will be applied for pot life of the mixture.  
Avoid entrapping air during mixing.

**Application:** Apply mixed product on the prepared surface tightly using an 8-12 mil squeegee.  
Back roll with a 3/8 nap roller to evenly distribute the product.  
Avoid creating any type of puddles.

**First aid:** In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult a physician. For respiratory irritation, move affected person to fresh air. Remove contaminated clothes and clean before reuse.

**Clean-up/Storage:** Store in a climate-controlled environment to protect from freezing or overheating.

Clean all tools and materials with appropriate cleaner before the product cures. Wash hands and skin carefully with warm soapy water. Once the product has hardened, it will need to be removed through mechanical means.

**Limitations** The substrate must be at a minimum of 10°C (50°F) and must not exceed a maximum of 30°C (86°F).

Humidity not to exceed 85% during application and curing.

Substrate temperature must be 3°C (5.5°F) above dew point measured.

Humidity content of substrate must be <4% when coating is applied.

Do not apply on a porous surface where a transfer of humidity could occur during the application process. Protect from humidity, condensation and contact with water during the initial 24-hour curing time.

