



Polidura Epoxy for Ceramics uses specially selected raw materials, giving high adhesion over ceramics and grouting. High abrasion resistance, washability and high volume solids, being easy to maintain and waterproof.

TECHNICAL CHARACTERISTICS

TYPE

Solvent based epoxy topcoat, two pack system.

USAGE

Polidura Epoxy for Ceramics may be applied direct to ceramics, concrete, masonry or sealed acrylic putty. In case of doubts, consult our Technical Department.

TECHNICAL INFORMATIONS

COLOR	White		
FINISH	Glossy		
WEIGHT PER LITER	1.350 ± 0.05 g/ml		
THEORETICAL SPREADING RATE	50 - 65 m ² / coat / 3.6 liters gallon		
NUMBER OF COATS	2 or 3		
MIXING RATIO		Weight	Volume
	Comp. A	100.0	4.0
	Comp. B	17.0	1.0
POT LIFE (25°C)	3 h		
DRYING TIME (25°C)		Minimum	Maximum
	Touch		1,5 h
	Handle		4,5 h
	Recoat	5 h	10 days
ENVIROMENTAL CONDITIONS	Temperature	Should be between 10 to 40°C.	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
APPLICATION	Brush	It is not necessary dilution.	
	Roller	It is not necessary dilution.	
SURFACE PREPARATION	Ceramics	Check the integrity of the surface (free from spalling and loose parts) before application. The product can be applied directly on the surface and must only remove dust and/or loose parts. For places impregnated with grease and dirt is recommended to clean the surface with a cloth dampened with household alcohol before applying the product. Wait for the complete drying of the surface before start application.	
	Concrete, Masonry or Acrylic Putty	Should not be applied on surface with less than 28 days of curing. For applications over Acrylic Putty must wait the complete drying, proceed sanding and cleaning to remove dust generated during the sanding. Apply one coat of Acrylic Water Based Sealer and after that Polidura Epoxy for Ceramics can be applied. It is highly recommended to use products (Putty and Sealer) regulated by ABRAFATI.	
SHELF LIFE	18 months		

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l, viscosity and drying values were obtained in laboratory at a temperature of 25°C with a white color sample. At an altered temperature, the results might be different from the specified ones.
3. Mix the product inside the container before application. The product must be applied in a uniform way, avoiding isolated retouch after the coat is dried.
4. Pot life is shortened by higher temperature.
5. Do not use organic thinners and solvents to clean the surface.
6. Do not use abrasive materials to remove dirty from the coated surface, it may damage the integrity of the dry film.
7. Tools used during the product handling and the generated spill should be cleaned with a available commercial Thinner (except mineral spirit).
8. This product has all its characteristics ensured untill the shelf life date when properly stored, manipulated and applied over a treated surface according to this TDS recommendations.

SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40°C. Must not be directly exposed to the sun.
3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.

HEALTH HAZARDS

1. Skin contact: wash affected area with water.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
