KANSAI PU SCREED HF

CODE : 398-007/002/009/1XX

DESCRIPTION

Five component polyurethane topping designed to provide excellent durability, resistance to thermal shock, resistance against abrasion, impact and chemical attack. It provides a matt and textured surface with good anti-skid characteristics for safe working

USE

For floors subjected to high traffic, hot water and corrosive chemicals

COLOR AND GLOSS LEVEL APPEARANCE

7 Standard colour (Green, grey, cream, yellow, red, blue, and orange)
Gloss Level : Matt

BASIC DATA

Data for mix product	
Application Method	Trowell
Specific Gravity	1.92 g/ml (mixtures)
Volume Solids	97% (mixtures)
VOC	0 g/Liter (Method 24 analysis)
Flash point	Base : NA Hard : 226°C CP : 77°C Powder: NA
Mixing Ratio	BBase : Hardener : Powder : Color : Agregate 2.3 : 2.5 : 12 : 0.7 : 8 by weight
Recommended DFT	4 mm to max 12 mm
Temperature Range	5°C to 80°C for DFT : 4 mm – 6 mm -15°C to 130°C for DFT : 6 mm – 9 mm -40°C to 150°C for DFT : 9 mm – 12 mm
Theoretical Coverage	Scratch coat : 0.5 m^2/Kg at 1 mm Finish coat : 0.125 m^2/Kg at 4 mm *Practical coverage vary depending on loss factor
Pot Life	At temperature 10°C 20°C 30°C NA 30 minutes 25 minutes *Use all mixed paint within pot life
Packaging	Part A : 2.3 Kg (2.37 Liter) on 2.5 Liter plastic jerrycan Part B : 2.5 Kg (2.03 Liter) on 2.5 Liter plastic jerrycan Part C : 12 Kg on Zak Part D : 0.7 Kg (0.7 Liter) on 1 Kg plastic container Part E : 8 Kg on Zak Part A+B+C+D : 25.5 Kg mix

SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Concrete	Clean, dry and undamaged concrete. New concrete shall be cure at least 28 days Concrete surface Profile CSP 3-6 Tensile strength min 1.5 Mpa	Clean, dry and undamaged concrete. New concrete shall be cure at least 28 days Concrete surface Profile CSP 3-6 Tensile strength min 1.5 Mpa

APPLICATION

Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be minimum of 3°C above dew point.
Adequate ventilation shall be provided in confined spaces to ensure proper drying

Mixing	This material is a four component coating. Always mix a complete set unit in the proportion supplied. After mix, use all mixed paint within pot life specified 1).Shake Base (Part A) 2).Stir Color Pasta (Part B) 3).Stir KANSAI PU SCREED TC Part A thoroughly than pour KANSAI PUSCREED COLOR PASTE Part D mix until uniform for 60 seconds, then add KANSAI PU SCREED HARD Part B into mixed Part A and Part D container and mix till homogeneous for 15 seconds 4). Add gradually the entire KANSAI PU SCREED POWDER Part C and KANSAI PU SCREED AGREGATE Part E into the mixture will stirring until a uniform mixture is obtained (± 60 seconds)	
Trowell	Recommended	Typically 4 – 9 mm can be achieved

Over coating interval for DFT 4 mm				
Over-coating with	Interval	10°C	20°C	30°C
Acrylic, Polyure-thane Coating	Minimum	NA	24 hours	16 hours
	Maximum	NA	1 month	1 month

Curing time DFT to 4 mm			
Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	NA	NA	NA
20°C	8 hours	24 hours	7 days
30°C	4 hours	16 hours	7 days

SAFETY PRECAUTIONS

Care should be taken to avoid inhalation of spray mist of vapor as well as contact between the wet paint and exposed skin or eyes

- Avoid at all times inhalation or aerosol spray-mist
- Harmful by inhalation and in contact with skin
- Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations

DISCLAIMER

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