DATA SHEET

Product: WATER BASED TONER
Ref.: TPUR

DESCRIPTION
Water-based toner for dyeing products from Cement Design range.

USE
A range of 20 combinable colours to create different shades.

PREPARATION
- Single component product ready for use. Shake vigorously before use.

ADVANTAGE
- Quick drying and easy maintenance.
- Applicable on existing surfaces
- Apt for execution of continuous works
- Combinable with different materials
- High resistance
- Does not require joints
- Solvent free

YIELD TPUR

m^2 per layer Supports	Example	m^2 approx.
Fine textures	USE	-
Semithin textures	USE	-
Medium texture	USE	-
Thick textures	USE	-

WATER BASED TONER

Ref.	Format
T PUR -1	1 l.
T PUR -4	4L

FORMATS

TECHNICAL SPECIFICATIONS (internal quality tests)

Physico-chemical properties	TONER	
Appearance:	Liquid	Density of the mixture: 1,00 kg/l
Color	Peculiar	pH: 8-9
Scent	Peculiar	Usage time: No applicable
Density (kg/l)	1,00	Temperature of application Minimum 5ºC and maximum 35ºC
Viscosity		Waiting time before sealing: 12-24 h at 20ºC | 60% relative humidity
Specific weight	1.012 g/cc. A 20cC	Accessibility once sealed: 48 h at 20ºC | 60% relative humidity
Nonvolatile	27% Peso	Suitable for underfloor heating: Yes (minimum 4cm slabs.)
Flashpoint	Ininflamable	Storage: Minimum temperature of 0ºC and max of 40ºC
Boiling temperature	100ºC a 760 mmHg.	Mixing ratio: ready to use
Vapor pressure	17.4mmHg a 20ºC	Dangerous material: NOT classified as ADR/RID, IMDG, ICAO/IATA
Temp. decomposition		Drying time between layers: 3-4 h at 20ºC | 60% relative humidity
		Expiration: 1 year from the production date on its packaging

TECHNICAL TEST KIT(A+B) (tested product: PU finish)

UNE-EN 13813:2003		
Bond strength, UNE-EN 13892-8:2003	Ceramic surface	1.7 N/mm2 (break support)
	Fibrocement Surface	1.3 N/mm2 (break support)
	MDF Surface	0.6 N/mm2 (break support)
Surface hardness, UNE-EN- 13892-6:2003	72 N/mm^2	
Determination of liquid water transmission (permeability), UNE-EN 1062-3:1999	0.01 Kg./ m^2 h 0.5	
Determination of flexural properties, UNE-EN ISO 178:2003	0.15 $KN./mm^2$	
Determination of unpolished slip / skid resistance value (USRV). UNE-ENV 12633:2003, Annex A	29	
Impact Resistance, UNE-EN ISO 6272:2004. Drop height at which the first cracks and diameter produced at this stage are observed	>14.7 Nm At 1500mm WITHOUT defects. Crater diameter: 10.1mm.	
Frictional wear, Böhme, UNE-EN 13892-3:2003	11.2cm^3/ 50cm^2	
UNE EN 13501-1:2007		
Fire resistance behaviour after application of finish	Bfl – S1	
UNE-ENV 12633:2003		
Slip resistance after application of finish	Rd: CLASS 3 – Value USRV: 47	

Recommendations and technical data shown in this data sheet are based on laboratory tests and our experience in practice. We waive any liability for consequences resulting from improper use. Date: August 2016 Version: 1.0