

# DATA SHEET

Product: HIDROLACA

Ref.: H

cement design®

## DESCRIPTION

Water-based liquid wax for termination of any product from range of Design Cement for walls.

## USE

Protection with satin effect recommended for products from family Wall recommended for walls, ceilings and furniture underexp used against low chemical attacks. It should be applied by using sponge trowel or roller avoiding excessive load. With a minimum application of 3 layers.

## PREPARATION

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

## ADVANTAGE

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

## YIELD H-5

m <sup>2</sup> per layer	Supports	Examp le	1 layer m <sup>2</sup> approx.
Fine texture		Classic	100 m <sup>2</sup>
Semithin texture		Concret	90 m <sup>2</sup>
Medium texture		Transit	80 m <sup>2</sup>
Thick textures		Rustic	70 m <sup>2</sup>

HIDROLACA	
Ref.	Format
H-1	1 L.
H-5	5 L.

## FORMATS



## TECHNICAL SPECIFICATIONS (internal quality tests)

Physico-chemical properties	HIDROLACA	Apparent density: 1,03 kg/l
Appearance	Liquid	mixture pH: 8-9
Color	Colourless	Usage time of the mixture: No apply
Scent	Peculiar	Temperature of application Minimum 5°C and maximum 35°C
Density (kg/l)	1,000	Waiting time before sealing: 12-24 h at 20°C   60% relative humidity
Viscosity		Accessibility once sealed: 48 h at 20°C   60% relative humidity
Specific weight	1.012 g/cc. A 20cC	Suitable for underfloor heating: Yes (minimum 4cm slabs.)
Nonvolatile	27% Weight	Storage: Minimum temperature of 0°C and max of 40°C
Flashpoint	Uninflammable	Mixing ratio : Ready to use
Boiling temperature	100°C a 760 mmHg.	Dangerous material: Kit NOT classified as ADR/RID, IMDG, ICAO/IATA
Vapor pressure	17.4 mmHg a 20°C	Drying time between layers: 1-2 h at 20°C   60% relative humidity
Temp. decomposition		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 <sup>2</sup>	
Determination of liquid water transmission (permeability), UNE-EN 1062-3:1999	0.01 Kg./ m <sup>2</sup> h 0.5	
Determination of flexural properties, UNE-EN ISO 178:2003	0.15 KN./mm <sup>2</sup>	
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 <sup>3</sup> / 50cm <sup>2</sup>	
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.  
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