

## LATICRETE LataFloat



### Low thickness floating screed

#### PRODUCT DESCRIPTION

LATAFLOAT is a special system of fiber-reinforced cement powder, polymeric liquid additive and threedimensional nylon mesh. LATAFLOAT allows to make 1 cm thickness floating screed instead of traditional 4-5 cm thickness floating screeds. LATAFLOAT is referred to as substrate highly durable and flexible for the installation of ceramic and stone; it is classified CT-C35-F6 under the European Standard EN13813.

#### USES

- 1 cm thickness minimum floating screeds

#### ADVANTAGES

- Thin, flexible, resistant and durable
- Walkable after 6 hours
- Safe and simply to apply

CE

 CT  
C35  
F6

#### Physical and technical properties

Colour	Irregular light grey	
Nominal density (UNI 7092, ASTM D1817, DIN 53479)	2100kg/m <sup>3</sup> (± 10%)	
Hardness (UNI ISO 868, ASTM D2240)	80 (Shore A) ±10%	
Breaking Load (UNI 6065, ASTM D412)	> 1.0 N/mm <sup>2</sup>	
Elongation (UNI 6065, ASTM D 412)	> 40%	
Chemical composition	Plastic polymer with mineral fillers	
Best application	Ambient temperature (15 - 20°C)	
Storage	Indoor, at minimum temperature of 5°C, in its original packaging	

#### Additional data

Reaction to fire	DIR 96/98/EU as modified by Directive 2012/32/EU	Certificate n° MED 204314CS		
Quality Assurance	Module D	Certificate n° MED 074114MI		
Service temperature	Continuous operation Steady state Peak	-30 to 90 °C -50 to 110°C 130°C		
Thermal conductivity	EN 12667:2001 EN 12664:2001	0.213 W/mK		
Acoustic properties	R <sub>w</sub> index according to ISO 717/1 Sound insulation measurement according to ISO 10140/2	See diagrams in "Acoustic performance" chapter		
Other acoustic properties		1.5mm	1.75mm	3mm
Dynamic stiffness -extrapolated resonance	UNI EN 29052-1:1993	568.6	537	372
Dynamic stiffness (MN/m <sup>3</sup> )	MIP 110	2397.7	2138.4	1027.1
Young modulus, E (Pa)	MIP 110	3.60	3.74	3.08
Poisson coefficient - Breaking load (MPa)	MIP 110	1.02	-	0.74
Poisson coefficient	%	-0.503	-	-0.53

#### TECHNICAL DATA AT 23°C e 50% U.R.\*

Class CT-C35-F6 Conforms to european standard EN13813

Appearance:	malta
Color:	grey
Percentage of lattelx on the powder:	16-17%
Working Time:	30-45 min.
Mixing Time:	3 min.
pH:	≥ 12
Initial Setting Time:	≥ 80 min.
Thickness:	from 1 cm to 5 cm
Walkable after:	6-8 hours
Application Temperature:	from +5°C to +35°C

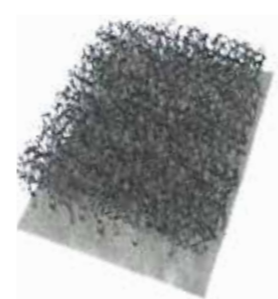
STANDARD	PERFORMANCE	
	TEST	RESULT
EN13813	Compressive Strength EN13892-2	≥ 35 MPa
EN13813	Flexural Strength EN13892-2	≥ 6 MPa

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### The LATICRETE LataFloat System

This "cement carpet" is able to receive ceramic, stone and parquet over floating floorings in residential and commercial applications. Designed floating to be installed on existing floors and on different materials in a minimum thickness of 1 cm, saves weight of the finished floor and the costs for demolition/disposal. It also allows to reposition the expansion joints in a totally independent from those of the existing floor. Where necessary, applied with special adhesives LATICRETE it is a perfect all one carpet.

#### Nylon Mat welded on non-woven fabric



#### High Resistance Screed

Thin - Floating - Quick to apply - Safe - Light

#### Cement mortar modified with polymers and reinforced with fibers



#### Made with cement mortar and latex

Compatible with all products for the installation of ceramic, marble and stone

#### Synthetic Rubber-base Latex



#### Acrylic based additive