

IZOFLEX 7000

Application:

IZOFLEX -7000 is suitable for smooth concrete, screed, mastic asphalt, plaster, gypsum board and masonry surface etc. It can be apply by soft brush, roller, and spray or by trowel when smooth finish is required.

- Minimum two coats are recommended, for satisfactory and the period of re-coating interval after 1st coat are complete dried.
- The second coat must be applied perpendicular to the first coat, to be achieving complete waterproofing.
- For large area IZOFLEX -7000 can be also sprayed, being the recommended nozzle size of 3-4 mm and spraying pressure between 3.5 and 5.0 bars. When sprayed, it is recommended to finish the fresh layer with a broom in order to make sure that the whole surface is covered completely.
- Minimum two coats are recommended, for satisfactory and the period of re-coating interval after 1st coat are complete dried.
- The second coat must be applied perpendicular to the first coat, to be achieving complete waterproofing.
- For concrete joints and cracks have been repaired and sealed, IZOFLEX -7000 will be applied with a fiber mesh 40-60 g/m², place the mesh on the first layer of IZOFLEX -7000.

Application conditions :

Optimum application temperature range is from 5°C to 30°C. Do not apply below 50°C. Do not apply on frozen surfaces or if rain is expected.

Cleaning :

All the tools must be cleaned with water after use. Once it cures, material can only be removed by mechanical methods.

Important indications :

- Do not add water, sand, cement, additives or any other compounds it may leads to damage your product quality.
- Do not apply on dusty, frozen or frosted surfaces.
- Do not apply any humid area or bad weather like possibility of raining.
- Do not apply other surface which is not specified in this technical data sheet, or consult our technical department.

Self life:

Powder component: approx. 12 months ; Liquid component: approx. 12 months.

Health and safety :

Toxicity :- non-toxic and odorless ; Flammability :- It's completely water-based non-flammable when wet. The cured membrane film will not be burned and also it's not a fire hazard.

Skin contact :- Avoid contact with skin and eyes. In case of contact with eyes and skin wash immediately with tap water and soap.

Eye contact :- In case of eye contact, rinse thoroughly with clean water but do not rub. If irritation continues consult with a doctor.

COLD APPLIED FAST DRYING PRIMER FOR GENERAL PURPOSES ASTM IZOFLEX 7000

	Name of test	Result	Test method
1	Component "A"	Powder form	---
2	Component "B"	Milky white liquid	---
3	Color	Gray/white	---
4	Density of Component "A"	1.45	---
	Density of Component "B"	1.05	---
	Mixed density of Component "A+B"	1.05	---
5	Application temperature	(+5°C to 60°C.)	---
6	Water permeability @5 bars	Nil	BS EN 12093
7	Water vapor transmission	0.02 g/m ² at 28 d	ASTM E 96
8	Adhesion to concrete	2.0N/mm ² at 28 d	ASTM D-4541
	Adhesion to steel panel	1.75 N/mm ²	---
9	Tensile strength	4.2 N/mm ²	ASTM D-412
10	Elongation % at break	>130%	ASTM D-412
11	Resistance to CO ₂ diffusion	D=0.014518 ⁻¹ m/s	---
		R=246 m (R>50m)	---
12	Resistance to water vapor diffusion	dHD=0.131110 ⁻¹ m/s	---
		S=1.0m	---
13	Resistance to sulfates	pass	ASTM C 1012
14	Resistance to fire	Class A1	BS EN 958-1
15	Flame spread index (FSI)	15	ASTM E 84
16	Smoke developed index (SDI)	20	ASTM E 84

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



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