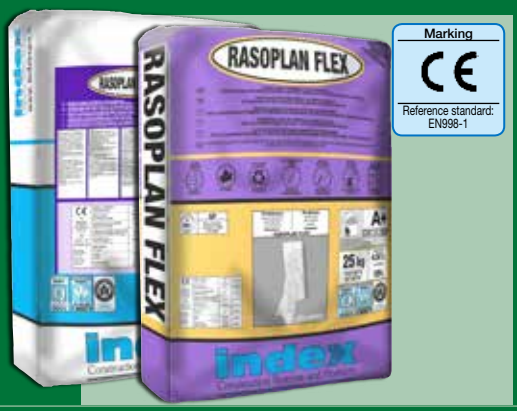


RASOPLAN FLEX
RASOPLAN MAXI FLEX

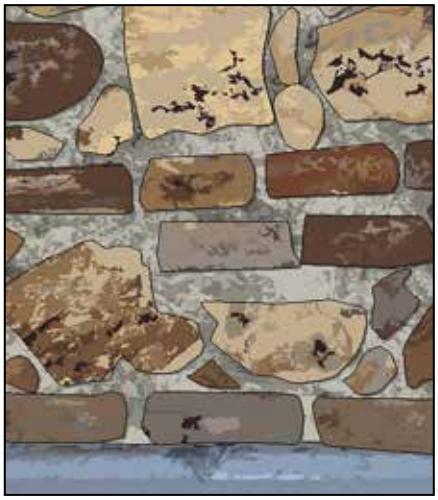
MEDIUM FLEXIBILITY SMOOTHING PRODUCT FOR UNIFORMING INTERIOR AND EXTERIOR WALLS, PLASTER AND EXTERIOR WALL INSULATION SYSTEMS

GRANTS *LEED* CREDITS

CARATTERISTICHE	IMPATTO AMBIENTALE		MODALITÀ D'IMPIEGO		AVVERTENZE
ALLOWS TO BREATHE	ECO GREEN	RECYCLABLE	MIX MECHANICALLY	APPLY BY INOX SPATULA	STORAGE: IN A DRY PLACE

PROBLEM

SMOOTH WALLS WITH OR WITHOUT PLASTER



SOLUTION

RASOPLAN FLEX and **RASOPLAN MAXI FLEX** are premixed cement-based powders with selected mineral aggregates and additives that improve workability and adhesion. Once set they appear as compact and resistant plaster with excellent anti-cracking capacity.
Available in two particle sizes (**RASOPLAN FLEX**: 0.8 mm max and **RASOPLAN MAXI FLEX**: 1.2 mm max), they allow you to smooth off in various thicknesses and with various levels of finish.

ACCORDING TO EUROPEAN NORMS
EN 998-1
MORTARS FOR PLASTERS

GP
MORTAR FOR INTERIOR AND EXTERIOR PLASTER FOR GENERIC USE

APPLICATION FIELDS

RASOPLAN FLEX is used to smooth all normal indoor and outdoor surfaces (concrete, cement+lime mortar or cement mortar, cement foam etc.). It is used to smooth off loose or ruined plaster and to level off walls that are not perfectly flat, even those made of brick.
RASOPLAN FLEX can be used to smooth plastic-type finishes or mineral civil plaster, applied with both trowel and blade. **RASOPLAN FLEX** can be reinforced with fibreglass netting type RETINVETRO FOR SMOOTHING RENDERS to boost its resistance to cracking.

ADVANTAGES

- **Excellent workability to resolve filling and smoothing problems with just one product.**
- **Excellent level of finish.**
- **High adhesion to normal surfaces.**
- **Excellent resistance to cracking.**

METHOD OF USE

The underlying surface must be compact and perfectly clean, without dust, loose parts, old paint etc.
When applying over highly absorbent surfaces it is advisable to wet beforehand.
Gypsum underlying surfaces must first be treated with ISOLFIX G primer.

- **MIX PREPARATION**

RASOPLAN FLEX and **RASOPLAN MAXI FLEX** are to be mixed with just 18% of clean water (**1**).
Use a low speed mixing drill without overmixing.

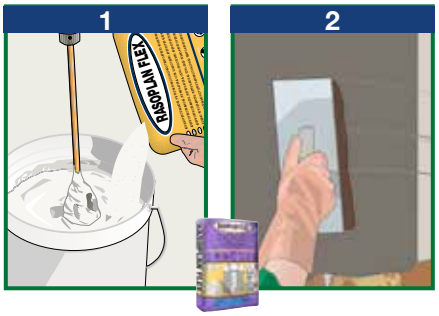
- **APPLICATION**

Apply the product using an inox spatula, smoothing out in an even thickness (**2**). One or more coats can be applied depending on the required finish.

- **CONSUMPTION**

About 14 kg/m²×cm.

- **COVERAGE**
- **Use cold water in the summer and water at 20°C in the winter.**
- **Application temperature from +5°C to +35°C.**
- **Do not add other materials such as bonding agents, aggregates or additives.**
- **In hot weather, keep the surface of the laid mortar wet, preventing the product from drying out quickly, for at least 8 hours.**
- **Wet the surfaces in high temperatures.**
- **Do not add water when the mix starts to set.**
- **Avoid sudden temperature changes while the plaster is setting.**
- **Store in original closed packaging in a dry place. Protect against frost and high temperatures.**



TECHNICAL CHARACTERISTICS

	Standard	RASOPLAN FLEX	RASOPLAN MAXI FLEX
Appearance		Powder	Powder
Colour		White	White
Particle size		0÷0.8 mm	0÷1.2 mm
Apparent density	EN 1015-6	1.40 ± 0.05 kg/L	1.40 ± 0.05 kg/L
Mixing water		18% ± 1%	18% ± 1%
Storage in original packaging in a dry place		12 months	12 months
Mix properties and workability			
Density of the mix		1.80 ± 0.05 kg/L	1.80 ± 0.05 kg/L
Application temperature		+5°C ÷ +35°C	+5°C ÷ +35°C
Minimum application thickness		1.0 mm	2.0 mm
Maximum application thickness per layer		10.0 mm (for coat)	30.0 mm (for coat)
Application		Manual	Manual
Performance characteristics	**Standards**	**Product performance**	**Product performance**
Class and type	**EN 998-1**	**GP**	**GP**
Resistance to compression - after 28 days	**EN 1015-11**	13.0 N/mm² - CS **IV**	13.0 N/mm² - CS **IV**
Resistance to bending - after 28 days	**EN 1015-11**	3.0 N/mm²	3.0 N/mm²
Adhesion to substrate	**EN 1015-12**	≥2.0 N/mm² - FP: B	≥2.0 N/mm² - FP: B
Water absorption through capillarity	**EN 1015-18**	W0	W0
Water vapour permeability coefficient	**EN 1015-19**	μ = 15	μ = 15
Thermal conductivity $\lambda_{10,dry}$	**EN 1745 A.12**	0.76 W/mK	0.76 W/mK
Durability	**EN 998-1**	5.2.3.2 compliant	5.2.3.2 compliant
Thermal resistance - Working temperature		–30°C ÷ +90°C	–30°C ÷ +90°C
Reaction to fire	**EN 13501-1**	A1	A1
Hazardous substances	**EN 998-1**	According note in ZA.1	According note in ZA.1

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These parameters may vary based on the specific conditions of the worksite: temperature, humidity, ventilation, porosity of the substrate.**
(*) The stated times may be longer or shorter as the temperature decreases or increases.
Compliant with the general principles defined in **EN 998-1** - Principles for evaluation of the use of products and systems.

PACKAGING

25-kg Sack.

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

index
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