

tc-lastic

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TC-LASTIC

Synthetic rubber based elasticizing and tackifying latex for cement-based mortars and adhesives.

**bonding agents
and adhesives**

TECHNOKOLLA



tc-lastic



MAIN FEATURES

High bonding performance
High elasticity

APPEARANCE

white liquid

STORAGE

12 months in dry place, protected from freezing and high temperatures

FIELDS OF USE

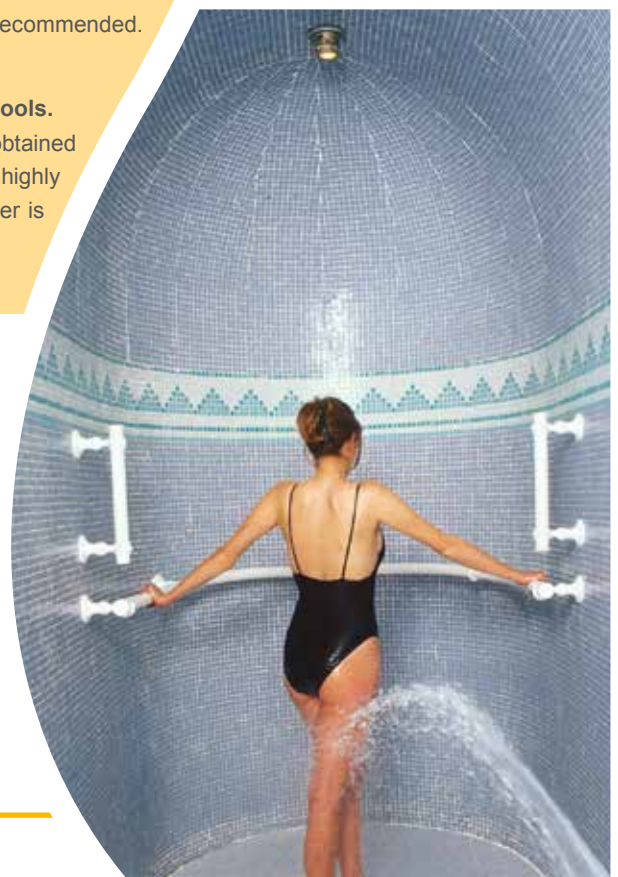
Flexible adhesive

Pour TECHNOS+ or TECHNOLA or TECHNO-XL or TECHNORAP powder into the latex. The mixture must be stirred until it becomes creamy. This product is recommended for laying stable natural stone not affected by humidity or ceramic materials in the following cases:

- medium and large tile sizes on facades or places exposed to considerable temperature variations
- on old tiles outdoors
- on heating floors
- on RASOLASTIK-PLUS and RASOGUM +
- on plasterboard. Use of PRIMER-T PLUS prior to fixing is not essential, but recommended.

Adhesive for vitreous mosaic on net backing, installed in swimming pools.

Dilute TC-LASTIC with water in 1:1 ratio. Blend TECHNOMOS into the obtained mixture. The resulting product provides an extremely tenacious bond and is highly flexible while maintaining the creamy consistency obtained when only water is used for mixing.



Flexible leveling coat

Blend RASO with TC-LASTIC by pouring the powder into the latex. The mixture must be stirred until the paste is creamy and lump-free. Recommended for use on surfaces exposed to considerable temperature variations, or on cracked concrete.

In this latter case, it is advisable to bury fiberglass net into the first layer. As compared to leveling pastes mixed with water, this product possesses high bonding powers even on difficult substrates, and is also highly elastic.

The surface must be leveled with two coats, the second applied 24 hours after the first and in layers up to 3 mm thick.

Finish the surface with a sponge trowel or flat trowel.

Products mixed with TC-LASTIC can be applied straight onto:

Cement-based plaster, cement-lime mortar, cement-based screeds, concrete, old ceramic floors.

WARNINGS AND RECOMMENDATIONS

Do not use:

in mixtures with lime alone as binder.

Consult the technical briefs of the products mentioned for further details about use of TC-LASTIC.

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TECHNICAL DATA

pH	~6.8
Weight density	~1.02
Inflammability	No

TECHNICAL SPECIFICATIONS OF PRODUCTS MODIFIED WITH TC-LASTIC

	Unit of measurement	TECHNOS+	TECHNOLA	TECHNO-XL	Standard			
Mixing ratio	l x bag	7	6.8	6.8				
Pot life	min *	~120	~120	~120				
Open time	min *	20	20	20	EN 1346			
Deformability	mm	~7.0	~5.5	~5.6	EN 12002			
Classification		C2 S2	C2 S2	C2 S2	EN 12004			
Thermal resistance	from -40C° to +120°C							
		GREY	WHITE	GREY	WHITE	GREY	WHITE	EN 1348
Bond after 28 days	N/mm ²	~2.1	~2.0	~1.9	~1.8	~1.6	~1.8	EN 1348
Bond after the action of heat	N/mm ²	~2.7	~2.9	~1.6	~1.8	~2.5	~2.6	EN 1348
Bond after the action of water	N/mm ²	~1.2	~1.2	~1.3	~1.2	~1.3	~1.5	EN 1348
Bond after freezing/thawing cycles	N/mm ²	~1.4	~1.5	~1.4	~1.5	~1.6	~1.7	EN 1348

* These time intervals refer to a temperature of 23°C–50% R.H. They become shorter with higher temperatures and longer at lower temperatures.

Technokolla reminds you to examine the “**notes**” document that completes the information in this data sheet. The document can be downloaded in the pdf format from the website www.technokolla.com.

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