

TERMOFLEX® SUPER ELASTIC

plasto-elastic silicone paint for retrofitting cracked facades, plasters and concrete surfaces, extremely resistant to cracking and U-rays with high water vapour permeability suitable for decorative facade elements



Scope of use

TERMOFLEX® SUPER ELASTIC is a ready for use plasto-elastic paint on the base of silicone resins for retrofitting cracked facades. It is applicable on all type of mineral bases, paints and plasters (old and new) from artificial resins and polymers, etc. It is exceptionally suitable for refurbishment of old buildings in the process of renovating their finishing coverings. It is recommended as a protective coating for decorative details and elements on any type of facades.

The paint has extremely high elasticity and extensibility up to 160% and withstands extremely large linear extensions and movements of the base without cracking. It does not crack even when in the foundation beneath it forms new cracks. The increased adhesion of the product to the base prevents peeling of the paint when movements occur and allows overcoming and retrofitting of existing cracks with width up to 1mm without their prior filling.

The cover made with TERMOFLEX® SUPER ELASTIC has a high resistance to weather condition, UV-rays, temperature changes, industrial gases, aging and contamination. It distinguishes with very high water vapour permeability and allows the so-called “breathing” of the facade. It has good water repulsing properties and it is resistant to biological contaminations, mold, fungi etc. It creates an easy to maintain and durable coating that is resistant to acid rain and depositions from polluted air, which do not enter into a chemical reaction with it. It provides high stability of the colour and easy to maintain cleanliness of the facade.

ENERGY IN COLORS tinting system gives a choice of more than 2080 colours.



Properties

super elastic even at low temperatures	protection against fungi, molds and bacteria
very good adhesion to the base	high water vapour permeability
overcomes cracks up to 1 mm	resistant to pollution and UV-rays

Composition

Homogenous silicone-modified, styrene-acrylic water dispersion, fillers, coloring agents, organic and non-organic additives.

Packaging and Indicative consumption

Package:

Plastic bucket of 2,8 l.

Indicative consumption:

150 - 300 ml/m² for a single layer application depending on the smoothness and absorbent ability of the base.

Expiration date and Storage

Store and transport in tightly sealed original packaging in dry and cool place (best on pallets). Keep away from moisture! Do not store at temperatures below 5 °C!

Keep from freezing!

The product is good for use 12 months after production date of an unopened original packaging.

Instructions for Use

Base Preparation

TERMOFLEX® SUPER ELASTIC is used on all kind of mineral bases, which are solid and supporting and do not contain any separating substances (grease, bitumen, dust). The base should be clean, dry and stable, without cracks and leveled in advance. Any unsound areas and layers with low mechanical resistance should be removed from it beforehand. The surface must be made clean and dust-free. Surfaces which are chalky or crumbly have to be strengthened after their cleaning with the help of TERAGRUND® UNIVERSAL STRENGTHENING PRIMER, while high adsorption surfaces should be primed with POROGRUND® - PRIMER FOR POROUS BASES. In order to achieve good and quick colour coverage and to reduce the consumption of paint the base can be primed with TERMOFLEX® COLOUR PRIMER – COLOURED PRIMER FOR FACADES.

Mixture preparation

TERMOFLEX® SUPER ELASTIC is ready for use. Stir well with an electric mixer at slow speed before use! If possible, prepare enough quantity for the whole facade.

Do not dilute with water! Do not mix with other products!

Application

Depending on the weather conditions, but no sooner than 12 hours after the priming one or two layers of TERMOFLEX® SUPER ELASTIC are applied. When there is a double application you should provide a drying time of 8 to 24 hours between the coats of paint. The paint should be applied evenly and without interruptions with brush or roller.

Attention!

Painting should be executed at dry weather at temperature of the base and environment from +5°C to +30°C and air humidity below 60%.

The time for complete drying of the paint depends on the weather conditions (temperature and air humidity), but not less than 4 hours.

The applied plaster on the facade should be kept away from direct sunlight, rain or strong wind (for example with a facade mesh)!

The high air humidity and low temperatures can significantly prolong the time required for drying and to change unevenly the colour.

Colour uniformity can be achieved only within a single production batch!

The development of the colour tone depends on the base, the temperature and the air humidity!

If used on integrated thermal insulation systems, the value of the relative coefficient of reflection of the colour cannot be under 25!

The antifungal additive in the plaster protects or slows down the action of fungi and molds, but cannot guarantee the long-lasting effect against their growth!

Hazard description:

Contains BUTYLDIGLYCOL:

2-(2-butoxyethoxy) ethanol (**112-34-5**) and

1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one (**2634-33-5**).

May cause an allergic reaction!

Risk and Safety Statements	
P 102	Keep out of reach of children.
P 262	Do not get in eyes, on skin, or on clothing.
P302+P350	IF ON SKIN: Gently wash with plenty of soap and water.

Hazard symbol:

Not subject of the identification regulations.

Maximum content of VOC for the product (category A/a) is 40 g/l.

Classification

Meets the requirements of the European and Bulgarian legislation and it is in accordance with standard:

European standard	Class	Test report
EN 13300 EN 1062-1		34/13.10.2015
Regulation on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products.		152/21.03.2014

Technical data

Testing protocols are issued by Construction Materials Testing Laboratory by Marisan and Kolev AD – Ruse.

Indicator	Measure	Testing method	Standard	Testing result
Density	g/cm ³	EN ISO 2811-1:2011	-	1,3 ± 0,05
Luster	-	EN ISO 2813:2015	85°/<10	matte
Granulometric composition	µm	EN 21542:1998	<100	fine
Viscosity	Pa.s	EN ISO 2884-2:2006	-	2,10
Content of non-volatile substances	%	EN ISO 3251:2008	-	60

The information contained in the current document is based on our knowledge and recent technical achievements and experience that we have at the time of the last version. The technical recommendations concerning application that we offer in order to facilitate buyers and those working with our products are non-binding and are neither grounds for legal contract relations, or for additional obligations resulting from the purchase contract. They do not dispense buyers from the necessity to verify products' application according to the instructions for every specific use. We as manufacturers guarantee the quality of the product, but cannot influence the circumstances and methods of its use. Application of the product should be performed by qualified personnel.