



MARMOTIX

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HIGHLY THIXOTROPIC MASTICS

DEFINITION

Highly thixotropic mastics used for bonding and filling marble, granite and other stones. Because of its high adhesion and high viscosity it is especially suitable for vertical tasks.

Its brand new formulation allows **MARMOTIX** to achieve a smooth application and a fast drying time.

The range **MARMOTIX** is available in different colours: **WHITE, IVORY, TRAVERTINE, LIGHT GREY** and **DARK GREY**.

MARMOTIX TRANSPARENT and **MARMOTIX NEUTRAL** are ideal non-pigmented products, with the **WHITE** version to be mixed with STONECOLOR to achieve any required colour.

PHYSICAL CHARACTERISTICS

Nature: Unsaturated polyester

	<i>White Ivory Travertine Light grey Dark grey</i>	<i>Neutral</i>	<i>Transparent</i>	<i>Units</i>	<i>Test Method</i>
<i>Colour</i>	White Ivory Travertine Light grey Dark grey	Translucent Green	Yellow Transparent		
<i>Consistency</i>	Thixotropic mastic	Thixotropic mastic	Thixotropic mastic		
<i>Brookfield Viscosity</i>	1x10 ⁶	6,5x10 ⁵	1,7x10 ⁶	cps	UNE 53-307-77
<i>Specific weight</i>	1,6	1,5	1,1	kg/l at 20°C	UNE-EN ISO 2811-1
<i>VOC mixing application</i>	8,0	8,0	8,0	g/l	ASTM D 2369

APPLICATION

	<i>T (°C)</i>	<i>White Ivory Travertine Light grey Dark grey</i>	<i>Neutral</i>	<i>Transparent</i>	<i>Units</i>
<i>Hardener</i>		2 PBO	2 PBO	3 PBO	%
<i>Working time</i>	10	8	7	13	min
	20	6	6	8	
	30	4	4	3	
<i>Curing time</i>	10	30'	30'	30'	
	20	25'	25'	25'	
	30	15'	15'	15'	

PROPERTIES OF PRODUCT AFTER CURE

	<i>White Ivory Travertine Light grey Dark grey</i>	<i>Neutral</i>	<i>Transparent</i>	<i>Units</i>	<i>Test Method</i>
Tensile Strength	20 - 30	20 - 30	30 – 40	N/mm ²	ASTM D 638
Elongation at Break	0,4 – 0,5	0,4 – 0,5	1,5 – 2	%	ASTM D 638
Flexural Strength	50 – 60	50 – 60	30 – 40	N/mm ²	ASTM D 790
Flexural Modulus	6000 – 6500	6000 – 6500	800 – 1000	N/mm ²	ASTM D 790
Compressive Strength	150 - 160	150 - 160	100 - 120	N/mm ²	ASTM D 695
Linear shrinkage	< 0,2	< 0,2	< 0,3	%	ASTM D 2566-86
Water absorption	< 0,5	< 0,5	< 0,5	%	ASTM D 570
Hardness	> 100	> 100	> 100	Shore D	ASTM D 2240

AUXILIARY PRODUCTS

Hardener PBO: Marmotix White, Ivory, Travertine, Light grey, Dark grey, Neutral, Transparent

REMARKS

Mix the hardener thoroughly.
Additional hardener speeds the curing time, but it causes a deeper yellowing and reduces bond strength.
Ambient temperature affects curing time. At temperatures lower than +5 °C is required heating the mixture to start the curing process.

EQUIPMENT CLEANING

Clean the equipment with a cleaning thinner such as acetone before the pot life has expired.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.

SHELF LIFE

One year in unopened original packaging.

For any technical information contact with our Customer Attention Service or our Technical Department.
ROBERLO SA declines any responsibility due to an incorrect use of the product.