

POLYESTER MASTICS

DEFINITION

MARMOLIT, is a range of polyester mastics used for bonding and filling marble, granite and other stones in general. Due to its fluidity and high resin concentration, **MARMOLIT** penetrates into hollow spaces and pores ensuring a hard bonding capacity and a filling with a perfect finish.

The range **MARMOLIT** is available in different colours, these being the **WHITE, IVORY, PINK PORRIÑO, BLACK** and **NEUTRAL**, ready to use mastics, except the **MARMOLIT NEUTRAL** which is a non pigmented product, especially indicated, with the **WHITE** version to be mixed with **STONECOLOR** to achieve any specific colour required.

PHYSICAL CHARACTERISTICS

Nature: Unsaturated polyester

	<i>White Ivory Black</i>	<i>Pink Porriño</i>	<i>Neutral</i>	<i>Units</i>	<i>Test Method</i>
Colour	White Ivory Black	Pink Porriño	Translucent Green		
Consistency	Viscous liquid	Viscous liquid	Viscous liquid		
Brookfield Viscosity	225x10 ³	400x10 ³	400x10 ³	cps	UNE 53-307-77
Specific weight	1,7	1,6	1,6	Kg/l at 20°C	UNE-EN ISO 2811-1
VOC mixing application	10,0	10,0	10,0	g/l	ASTM D 2369

APPLICATION

	<i>T (°C)</i>	<i>White Ivory Black</i>	<i>Pink Porriño</i>	<i>Neutral</i>	<i>Units</i>
Hardener		2 PBO	2 PBO	2 PBO	%
Working time	10	8	7	7	min
	20	6	6	6	
	30	4	5	5	
Curing time	10	30	30	30	min
	20	25	25	25	
	30	15	15	15	

PROPERTIES OF PRODUCT AFTER CURE

	<i>White Ivory Black</i>	<i>Pink Porriño</i>	<i>Neutral</i>	<i>Units</i>	<i>Test Method</i>
Tensile Strength	20 - 30	20 - 30	20 - 30	N/mm ²	ASTM D 638
Elongation at Break	0,3 – 0,4	0,3 – 0,4	0,3 – 0,4	%	ASTM D 638
Flexural Strength	45 - 55	45 - 55	45 - 55	N/mm ²	ASTM D 790
Flexural Modulus	5500 - 6000	5500 - 6000	5500 - 6000	N/mm ²	ASTM D 790
Compressive Strength	120 - 140	120 - 140	120 - 140	N/mm ²	ASTM D 695
Linear shrinkage	< 0,2	< 0,2	< 0,2	%	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

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 Sheet. 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.

GUARANTEE

In unopened original packaging, one year from manufacturing date.

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.