

PRODUCT INFORMATION

REMA SOFT RUBBER PASTE

General properties

REMA SOFT RUBBER PASTE is a solvent free, elastic, cold hardening soft rubber repair paste based on a modified polybutadiene rubber (BR).

REMA SOFT RUBBER PASTE, applied in conjunction with **PRIMER R**, gives an excellent adhesion to various substrates such as steel, soft and hard rubber linings, graphite and acid resistant ceramics.

The excellent properties of **REMA SOFT RUBBER PASTE** are its good chemical resistance against non-oxidising mineral acids, bases, aqueous phases and especially against media containing a high amount of solids.

REMA SOFT RUBBER PASTE can be used in a temperature range from - 40 °C to + 90 °C.

Fields of Application

REMA SOFT RUBBER PASTE has been developed for the repair of rubber lined vessels, pipes, rollers and drums, chutes, and channels and further for the transition areas of hard and soft rubber lining on flange facings.

Application Examples

- a) Repairs of Rubber lined drums, rollers, support rollers, chutes, and channels
- b) Repairs to wear resistant rubber linings of polymers based on natural, styrolbutadiene- and nitrile rubber as well as on polyurea systems
- c) Filling of groves and impact areas of rubber lining, such as in hoppers and coal bunkers.
- d) Repairs on soft rubber linings on a hard rubber under-layer, in the soft rubber level.
- e) Repairs on flange lip areas, which are subsequently covered by flange gaskets. (Maximum half the length of the bevel)
- f) Repairs of special rubber linings based on bromobutyl, chloroprene and chlorosulfonated polyethylene polymers.

Surface Preparation

The surface to be repaired must be free from oil, grease and chemicals and is to be ground with a 24 grit grinding disc and if necessary cleaned with cleaning fluid.

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Application

a) Application of the primer

Apply one thin coat of the **PRIMER R** to thoroughly cover the complete repair area. This applied primer should be allowed to dry for at least 2 hours at + 23 °C ± 2 °C.

b) Repair with **REMA SOFT RUBBER PASTE**

Shortly before use, mix components A and B of the **REMA SOFT RUBBER PASTE**, avoiding trapping air as far as possible, until a paste is produced which can be applied with a trowel.

Apply the paste with a trowel on to the prepared repair area.

Metal surfaces and joint areas should be covered thinly with the paste, before these areas are filled to the required thickness, preventing any blisters or air being trapped.

When applying the paste, assure that no cavities remain.

Hardening

The product hardens in approx. 24 hours at + 23 °C ± 2 °C. This period can be shortened by warming the area at approximately + 60 °C with either warm air or radiators.

Where necessary the repair area could be surface ground after hardening.

Available Packing Units

Product Description	Packing [kg] *	Product No.
PRIMER R	0.25	525 2901
REMA SOFT RUBBER PASTE		
Component A black	0.5 5.0	525 2853 525 2846
Component A brown	0.5 5.0	525 2877 525 2860
Component B (Hardener)	0.025 0.25	525 2891 525 2884

* Special container sizes can be supplied on request

Mechanical - Physical Characteristics

Properties	Units	Standard	Value
Polymer		ISO 1629	BR
Tensile Strength	[MPa]	DIN 53504	≥ 3
Elongation at Break determined on:	% [Stab S2]	DIN 53504	≥ 100
Hardness	[Shore A]	DIN 53505	75 ± 5
Rebound Elasticity	[%]	DIN 53512	≥ 30
Abrasion	[mm ³]	DIN 53516	≤ 250
Density	[g/cm ³]	EN ISO 1183-1	1.17+ 0.02
Bonding Strength on Steel	[MPa]	EN ISO 4624	> 2
Surface resistivity	[Ω]	DIN IEC 60093	≥ 10 ¹¹
Test Voltage	[KV/mm]	EN 14879-4	5
Operating Temperature	[°C]		≤ 90
Compressive Strength	[MPa]		≥ 2

The information given above is based on approved test results and represents statistical product data; which does not necessarily guarantee the specific properties of this product. We reserve the right to changes to technical specifications without prior notice, provided that they ensure technical improvement without major modifications to the product itself.

This data sheet is for informational purposes only. All data provided herein is based on in-depth research and testing, however no liability whatsoever can be assumed. Since we are constantly endeavouring to up-date and improve our products, we recommend noting the index and issue date indicated on this data sheet and to inquire as to whether any properties have changed in the interim. This Product Information Sheet replaces all prior issues. Please contact our Technical Consultant for detailed information in case of ambiguities.

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