

Specification

White adhesive and trowelled mortar is mainly designed as a supporting layer for the PERLINKA reinforcement mesh. You can also use it to stick cladding on fireplaces and stoves. The mortar resists thermal shocks, is flexible and adheres well to most stove materials. WHITE 600 is an economical substitution of refractory mortars for the places that do not come into contact with fire or combustion gas and where the temperature does not exceed 600 ° C.

Preparation and application

The foundation must be supporting, clean, dustless and free of adhesion-restrictive substances. Apply at foundation and ambient-air temperatures within the range from +5°C to +25°C. Pour the selected amount of dry mixture into clean water (1 kg of mixture to about 250 ml) and mix thoroughly, either manually or by using a mixer. Then leave it settle for 5 minutes and mix again gently. Use stainless-steel spatulas and trowels for application. You can apply a layer up to 20 mm. When adhering tiles or other cladding, put glue on both glued surfaces and then join them. Wash tools and containers with water immediately after use.

Basic features

Main raw material base		synthetic aluminosilicate materials
Binding		hydraulic
Dry mix consumption per 1 mm layer	kg/m ²	1,6
Water requirement per 1 kg of dry mix	ltr/kg	0,24 – 0,26
Pot life	min	120
Grain size	mm	0,0 – 0,6
Classification temperature	°C	600
Chemical composition	Al ₂ O ₃ SiO ₂ Fe ₂ O ₃ CaO	% 21 52 8 14

Physical properties after 28 days (according to ČSN EN ISO 1927-6)

Bulk density after annealing 110/800/1100 °C	kg/m ³	1400 / 1300 / 1300
Compressive strength after annealing 110/800/1100 °C	MPa	8 / 8 / 4
Permanent linear change after annealing 110/800/1100 °C	%	0,0 / -1,4 / -1,8
Apparent porosity	%	50

Storage, handling and processing

Storability is 12 months from the date of manufacture in the original packaging in a dry, sheltered warehouse above 0 ° C. Do not eat, drink or smoke and use protective equipment while working with the product.

When disposing of waste, follow the applicable laws in the country. More detailed information is provided in the Product Safety Data Sheet.

Our technical consultants are always ready to answer you specific questions and advise you with the product application according to your needs. The information in this sheet is based on practical experience, as well as on tests and reflects our current state of knowledge. They serve as information and does not contain any assurance of product properties or their suitability for specific applications. Try for yourself whether our product is suitable for your purposes.

Date of revision: 16.2.2018 (replaces the previous version of TDS)



gre^a a.s. tř. Čs. armády 541
391 81 Veselí nad Lužnicí II
Czech Republic
Tel: +420 381 549 111, Fax: +420 381 581 071
e-mail: grenamat@grena.cz, www.grena.cz

