

Description and use

Grena Klebepaste is a refractory inorganic binder and adhesive in one. It is used in applications with expected used temperature up to 1150 °C, in the construction of fireplaces and tiled stoves from Grenaisol, Grenalight and Grenatherm boards, construction bonding of ductwork, ZOTK, installation channels and shafts lining carrier columns and carbon lamellae for further bonding from Grenamat AL boards, then patching surfaces rough slabs Grenamat A, AL, AS, B and C, jointing plates Grenaboard and for other similar purposes.

Trade mark			Grena Klebepaste																
Color			Beige																
Packing			1 kg plastic cartridge																
Bonding ability after 110 °C/24hod	ČSN 72 6100	N	193																
Bonding ability after 800 °C/4hod	ČSN 72 6100	N	174																
Bonding ability after 1100 °C/4hod	ČSN 72 6100	N	125																
Pyrometric cone equivalent	EN 993-12	°C	1175																
Grain size over 0,063 mm	EN ISO 1927-3	%	0,0																
Humidity	EN ISO 1927-3	%	16,5																
Ignition loss	EN ISO 21587-3	%	11,3																
Chemical analysis	EN ISO 21587-3	%	<table> <tr><td>SiO₂</td><td>64,06</td></tr> <tr><td>Al₂O₃</td><td>21,75</td></tr> <tr><td>TiO₂</td><td>0,44</td></tr> <tr><td>Fe₂O₃</td><td>1,69</td></tr> <tr><td>CaO</td><td>0,12</td></tr> <tr><td>MgO</td><td>0,33</td></tr> <tr><td>Na₂O</td><td>8,83</td></tr> <tr><td>K₂O</td><td>2,54</td></tr> </table>	SiO ₂	64,06	Al ₂ O ₃	21,75	TiO ₂	0,44	Fe ₂ O ₃	1,69	CaO	0,12	MgO	0,33	Na ₂ O	8,83	K ₂ O	2,54
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Storage, handling and processing

- Mix well before (the cartridge must be well "rubbed")
- Bonding areas must be clean, dry and free of dust and grease
- Handle at temperatures above 10 ° C
- After applying the adhesive with a serrated trowel or "bead" on one area glued, let it dry lightly, then press down the second counterpart lightly and swirl gently, while pressing both surfaces together to fill in any gaps
- Materials must be pressed to each other, depending on the temperature of the working medium within 3 min. Ensure that the adhesive has not concluded its surface (creating a crust)
- When applying larger amount of adhesive, remove the excess amount with a serrated spatula
- The amount of deposition is dependent on the substrate used and varies between 1 - 1,8 kg/m²
- Solidification is dependent on the surfaces, the type of material being bonded, and the quantity applied. At 20 °C and relative humidity 65%, the adhesive is cured after 12 hours
- Before starting work, carefully read the SDS (irritates the skin, the danger of eye contact, if there is contact, rinse with running water and consult a doctor, use protective equipment - appropriate clothing, gloves and goggles)
- Store at +5 ° C to +25 ° C, protected from weather



Date of revision: 20.12.2016 (replaces the previous version of TDS)