

PRODUCT DATA SHEET

PZG

Very strong reinforcement net for levelling on weak substrates.

DESCRIPTION

Very strong crack-bridging, reinforcing and alkaline resistant glass fabric for armouring of thin-bed mortars and floor levelling compounds especially on wooden substrates. The reinforcement net is extremely tear-resistant and useful for many purposes. By the use of high-grade glass yarn with a special coating, a high alkaline resistance is reached.

USES

- Reinforcement when levelling on wooden substrates, e.g. timber floor boards.
- Reinforcement on old substrates to relieve stresses and movements.
- Reinforcement on stable substrates for subsequent laying of thin natural stones to prevent cracks.

FEATURES

- Extremely tear- and alkaline resistant reinforcement net.
- Very high tensile strength.
- Crackbridging
- Contains no plasticizer
- High resistance to temperature
- On floor heated areas

PRODUCT INFORMATION

Packaging	Role of 25 m ²
Fibre type	E-glass
Shelf life	24 months
Storage conditions	Store in a cool and dry area. Do not expose for temperatures below 0°C or above 30°C. Store the role in an upstanding position.
Appearance and colour	Red coloured
Dimensions	Length 25 m, width 1 m.
Mass per area	530 g/m ²
Tensile strength	<ul style="list-style-type: none">▪ Longitudinal tensile strength: >5000 (N/50 mm) warp▪ Tensile strength perpendicular: >9000 (N/50 mm) shoot

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

- Fasten the reinforcement net mechanically with a tucker/staple gun. Make sure it is laid bubble- and wrinkle free and with an overlap of at least 5 cm. Lay the sheets perpendicular to the planks. Cut the sheets with a hook knife, a snap off knife or a pair of scissors.
- Distance to all vertical structures (walls etc) should be at least 3 cm. When the reinforcement net is attached to the subfloor, apply the primer and levelling compound.
- Contact with vertical structures like walls etc, should be avoided by putting in an RS 50.
- A floating construction with chipboard (V 100) as a dry screed is not possible to level.
- To achieve a smooth surface it is recommended to use a spiked roller – length of spikes > 30 mm - whereby the flow of the levelling compound is supported. The minimum layer-thickness of the used floor levelling compound should be taken in to account (see PDS of given levelling compound)
- For more information about levelling, see relevant levelling compound's PDS.

SUBSTRATE QUALITY

Can be used on substrates such as:

- Concrete (at least 3 months old)
- Masonry
- Calcium sulphate based screeds
- Mastic asphalt screeds (completely sanded) IC 10 and IC 15 according to EN 13 813
- Old ceramic coverings
- Wood planks
- Particle boards (V 100) according to DIN 68 771 (glued and screwed and/or fully surface bonded)
- Construction boards

Requirements of substrate:

- PZG is supposed to be used on weak substrates, however the substrate cannot be fully damaged but must still have an adequate strength, bearing strength, dryness, evenness and dimensional stability.
- Free of residues, which reduce adhesion of the levelling compound, e.g dust, dirt, oil, grease, wax and loose particles. Separation layers, sinter layers and other similar contamination should be removed thoroughly, for example through sanding, brushing, abrasive blast cleaning, milling or cleaning.
- Substrate should fulfill the requirements of tolerance in building constructions according national rules.
- Old, ceramic coverings and natural stones should be firmly laid, thoroughly cleaned and eventually abraded.
- Reinforcement on old substrates to relieve stresses and movement in combination with Schönox iFIX or with suitable Schönox tiles adhesive.
- Reinforcement on mixed brickwork or other mixed substrates on walls to relieve stresses for subsequent plaster or mortar layers in combination with Schönox iFIX or with suitable Schönox tile adhesive.
- Reinforcement on stable substrates for subsequent laying of thin natural stones to prevent cracks in combination with Schönox iFIX or with suitable Schönox tile adhesive.

Wooden substrate

- Wooden planks should be fixed well on the timber work and inserted in groove and tongue. They should not move opposite to one another and should have even moisture. Damaged planks should be renewed.
- The substructure of wooden floors should be permanently dry to avoid damages from moisture, deformation, rottenness, mildew and so on.
- Joints, cracks and holes can be closed with CFE EF or Casco SMP-based acrylic sealing.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of CASCOFE products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.CASCOFE.eu.

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