

TECHNICAL DATA SHEET



DESCRIPTION

Siteworx Fibreboard Expansion Joint Fillers are made from 100% natural wood fibres and resin, resulting in a carbon negative product. The board contains a very small percentage of paraffin wax to improve moisture resistance with no harmful adhesives or bitumen additives used in the production. These low moisture absorption properties make them ideal for filling expansion joints in concrete.

APPLICATIONS

Siteworx Fibreboard Expansion Joint Fillers are typically used for filling expansion joints in concrete used for applications such as roads, pavements, walls, industrial floors and roofs. Available in strips and full sheets in a variety of widths and thicknesses.

| PROPERTIES | UNIT | VALUE (according to EN 13986) | |
|--|------------|-------------------------------|--------|
| Thickness | mm | 12 | 25 |
| Thickness tolerance | mm | ±1.2 | ±1.8mm |
| Width tolerance | mm | ±2.0 | |
| Length tolerance | mm | ±5.0 | |
| Squareness tolerance | Mm/m | ≤2 | |
| Edge straightness tolerance | Mm/m | ≤1.5 | |
| Flatness tolerance | mm | ≤6.0 | |
| Thickness swelling after 2h according to EN 317 | % | ≤7.0 | |
| Fire class according to EN 13501-1 | class | E | |
| Density | kg/m3 | ≥240.0 | |
| Bending strength | N/mm2 | ≥1.2 | ≥0.8 |
| Internal bond strength according to EN 13986 | N/mm2 | ≥0.02 | |
| Air permeability according to EN 12114 | m3/m2*s*Pa | 12.2*10 ⁻⁶ | |
| Short-term water absorption according to EN 1609 Upper surface | kg/m2 | 2.27 | 1.93 |
| Short-term water absorption according to EN 1609 Lower surface | kg/m2 | 0.79 | 0.79 |
| Thermal conductivity | W/m*K | ≤0.049 | |
| Thermal resistance R | m2*K/W | 0.20 | 0.45 |
| Water vapour permeability | μ wet cup | 2.0 | |
| Water vapour permeability | μ dry cup | 5.0 | |

The information contained in this data sheet replaces any previous information and all specifications and technical data appearing here must be used as guidelines, since they correspond to average values tested at laboratory. It is the responsibility of all users to satisfy themselves that the above data is current. This technical data sheet does not offer any warranty (express or implied) regarding the suitability of any product for your use as site conditions and requirements can vary. Growtivation reserves the right to alter product specifications and technical data without prior notice.



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