AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

Foaming building elements - Handling information-en

澳迪斯防火科技（廊坊）有限公司

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销售及选型联系 / Sales & product enquiries

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以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

Handling information

for foaming building elements with self-adhesive on one side

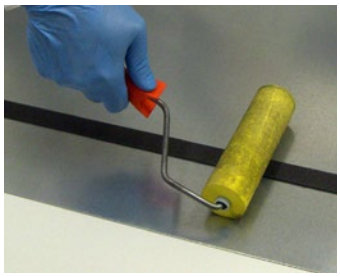
The benefit of foaming materials that are self-adhesive on one side is that they are quick, clean and economical to apply. To utilise their benefits to the greatest extent possible, please follow the handling instructions listed here.



01 Clean and dry the work surface using solvents that are compatible with the material. Wait until the solvents have fully evaporated.



02 Remove a small piece of the liner and position the building material precisely. Press down the building material and slowly pull off the liner below it.



03 Use a pressure roller to promote optimal adhesion across the full contact area.



04 Wait until the final adhesive strength is reached (after approximately 24 hours).

Requirements

- Ensure that the surface is clean and free from dust, oil, grease, oxides, release agents, and other contaminants. Condensation on the surface to be adhered to may also have negative effects. For rough, uneven adhesive surfaces, thicker adhesive tapes are to be used to compensate.
- Generally suitable surfaces include metals and high-energy plastics (e.g., ABS, polycarbonate, rigid PVC or glass). Critical surfaces include polyolefin, rubber, Teflon, silicone and powder-coated materials. Caution is advised when using plasticised plastics, because plasticisers may alter the adhesive. Particular care should be taken to test critical, uneven or textured surfaces thoroughly. You should also check the compatibility of paints and plastics with solvents.
- The recommended application temperature is between 18 °C and 25 °C. The material and the environment should be at the same temperature. Application temperatures below 10 °C should be avoided.
- Do not apply building materials so that they protrude over or around corners.

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Other application tips

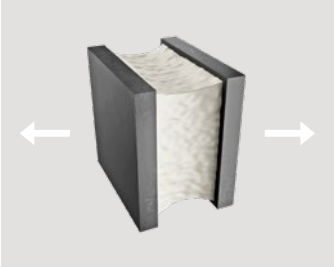
- Design adhesive joints to avoid peel and cleavage forces. It must be possible to distribute shear and tensile forces over the entire adhesive surface. Compression and tension at the ends of the join partners are to be avoided under all circumstances.
- To ensure gentle handling of the building materials, apply the materials without subjecting them to strain.



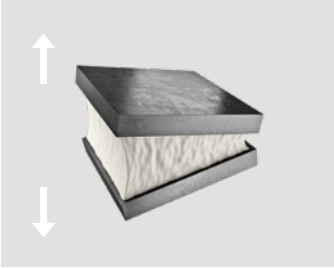
Shear force



Peeling force



Tensile force



Splitting force

View as video.

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