



BOSS[®] 7129

TECHNICAL DATA

Technical Properties: the product

Base	SBR & resin
Curing system	Physical drying and crystallisation
Viscosity	Liquid, 300 mPa.s
Solid content	Ca. 30%
Density	0,66 – 0,70 kg/dm ³
Colour	Orange
Packaging	Pressurised canister

Technical Properties: the application

Dilution	Ready-to-use
Consumption	Depending on application and materials/substrates to be bonded. Single sided and/or double sided application and necessary overlap (50% to 75%). Always in function of the desired adhesive strength. Canister: approx. 60m ² to 200m ² .
Open time: Minimum*	15 – 30 s
Open time: Maximum*	Upto 4h, tacky up to 24 to 48 h
Presstime	Press, roll or knock firmly for 10-15 seconds.
Drying time: fully cured	Approx. 48h - the bond between the two materials is made immediately after solid pressing, rolling or knocking with a rubber hammer.
Application temperature	Min. +5°C, max. +28°C; best between +10°C and +20°C.

Technical Properties: the joint

Damp resistant	Good
Temperature resistant	Between -20°C and +70°C depending on application)
Plasticiser resistant	Poor
Chemical Resistance	Weak acides and bases

* These values may vary according to ambient temperature, relative humidity, substrate and environment.

Product

BOSS[®] 7129 is a fast, sprayable contact adhesive in a portable pressure vessel that saves you time, saves costs and maximises the insulation value of your building during all phases of construction! Ideal for bonding: soft, flexible insulation, vapour barriers & foils, polystyrene (EPS & XPS), EPDM & DPC (not on flat roofs), rubber, cork, felt, bubble wrap, melamine, PE ...

Properties

- The cost remains the same, regardless of the thickness of the material to be bonded
- 1 sided application: For light applications it is sufficient to glue in the substrate or the material to be bonded

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- 2 sided application: For more difficult materials and heavier applications (e.g. outside, ceiling)
- The adhesive sticks almost immediately
- The adhesive remains sticky for up to 4 hours
- Ideal for large surfaces to be glued in one go
- 50 % faster: This way of working is up to 50 % faster than e.g. installing insulation material with plugs
- Install up to 200m² of insulation material or foil per hour

Usage

Permanent or temporary bonding of all fibrous, soft and semi-hard insulation materials, mineral wool (rock wool, glass wool, ...), flange blankets, technical insulation (HVAC), synthetic foam rubbers Ideal for plastic and construction films, vapour barriers, geotextiles, felt and protective mats

Perfect for bonding sound insulation in the case of doubled common walls (Partywall®, Rockfit®, ...).

Bonding of polystyrene (EPS, XPS), Flat bonding of PIR/PUR boards on top of each other

Suitable for bonding acoustic insulation materials like Accorub®, Silence Mousse®, ...

Bonding textiles, cork, paper to each other and to wood, metal, concrete (residual humidity < 5%), masonry, sand-lime brick, silicate stone, plaster, ...

For indoor and shielded outdoor use

Restriction

Not suitable for bonding roof membranes, membranes containing plasticizers, roof insulation, Teflon®, nor for applications where only point-to-point contact between the surfaces can be obtained.

Not suitable for bonding insulation materials that are subsequently plastered over.

Preparation

The surfaces to be bonded must be clean, dry, and exempt of moisture, grease, oil. Clean the surfaces to be bonded with BOSS[®] Dissol (Spray) if necessary. The adhesive is best applied in a dry environment at a temperature of +10°C. Make sure that both the adhesive and the elements to be bonded are acclimatised.

On non-current substrates, always carry out an adhesion test.

The materials to be glued must be suitable and well adjusted.

Shake the canister well or roll it over the ground before use for 30s.

Adjust the desired spray pattern by selecting the spray tip (40° Small, 65° Medium, 95° Large and 115° Extra Large) and setting ErgoGrip Gun.

Application

Single-sided application:

Glue the desired surface sufficiently and always fully, depending on the application. Overlap (50% to 75%) of the adhesive layers is necessary. Evaporation time min. 30s depending on environment. Bring both surfaces together and press firmly. Re-positionable and correctable depending on material type.

- All insulation materials with a weight < 4kg/m² (Partywall®, Building board 133, Building board 210 (35kg/m³) - up to 12 cm
- Vapour barriers, Geotextiles (Bontec®), wall felt, ...
- EPS-XPS (depending on application)
- Light applications, which must be correctable if necessary



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Double-sided application:

Glue both surfaces evenly and always fully in, coverage depending on the application. Overlap (50% to 75%) of the adhesive layers is necessary. Crosswise gluing increases the final strength considerably. Allow both parts to dry for at least 30s, depending on the environment. Bring both surfaces together and press firmly. Rolling, pressing (min. 15s) or knocking with a rubber hammer are also possible.

- All insulation materials with a weight of > 4kg/m²
 - e.g.: Rockwool[®] building board 210 (35kg/m³) - from 12 cm
 - e.g.: Rockwool[®] building board 231 (70kg/m³) - from 6 cm
 - e.g.: Rockwool[®] building board 221 (55kg/m³) - from 8 cm
 - e.g.: Rockwool[®] building board 221 (55kg/m³).
 - e.g. Isola: Accorub[®] (120kg/m³) - from 4 cm onwards
 - e.g.: Silence Mousse[®] (125kg/m²) - from 4 cm onwards
- All ceiling applications
- Outdoor applications that are subject to wind and moisture, must be permanently shielded within 2 weeks
- Plastic and construction foil (Glue in the surface (evaporation time min. 30 seconds) with a first coat, and then spray a second layer of adhesive over the first one (evaporation time min. 30 seconds), position the foil and press firmly.)
- EPS - XPS (depending on application)
In the case of highly porous materials (plaster, concrete, etc.), a second adhesive layer can be applied after the first layer has dried (immediately).

Ceiling applications always require double-sided bonding. Accorub[®], Silence Mousse[®] always roll on firmly with a rubber roller.

Shelf life

At least 18 months in unopened packaging in a cool and dry storage place between + 5°C and +25°C.

Safety

Pressurised vessel, do not store at a temperature higher than +50°C or in direct sunlight.

Use only in well-ventilated areas. When using do not smoke. In case of insufficient ventilation, wear suitable respiratory equipment.

For further information, consult the label and the safety data sheet.

These guidelines apply only as a general indication. The user must check whether the product is suitable for the intended purpose before employment and at his own risk.

Remark(s)

The final strength is determined by the initial force given when assembling (bringing the two materials together) the elements to be bonded, not by the duration of the force.

BOSS[®] 7129 should be stored at +5°C to +25°C so that it can be processed immediately.

Limited temperature resistance in function of the application.

The materials to be bonded must be well suited.

Disclaimer: This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

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