Technical Data Sheet

Synergie Multi Tape 60mm 100mm 150mm x 25mtrs

Application area

Synergie Multi Tape is a sealing and bonding tape used for steep roofs.
The unique adhesive properties make Synergie Multi Tape suitable for bonding and covering of overlaps for various surfaces, like plywood, chipboard and flexible vapor barrier material.
The product meets the strict requirements of EnEV (DIN 4108/11), regarding the permanent airtight sealing of vapor barrier sheeting.

Product description

The high performance adhesive system ensures excellent tack values and adheres well to the polar surfaces of solid construction materials and also to non polar, low energy surfaces, such as PE-film.
The elastic LDPE-film carrier ensures optimum sealing on various surfaces and overlaps.

Handling instruction
All surfaces and materials have to be dry, free of dust and oil at the lamination area. All residues of cleaning agents or other auxiliary agents should be removed with clean, dry cloth.
The application should be stress/tension free and the approved techniques stated at DIN 4108/11 have to be followed.
Where stress/tension free application cannot be ensured, the materials have to be fixed additionally with mechanical means.
The recommended processing temperature has to be observed and the appropriate bonding pressure has to be applied.
The adhesion of surfaces and materials have to be checked by the user, if required the application has to be re-worked.

Adhesive carrier	LDPE-Foil, white, reinforced with scrim
Adhesive systemf:	Acryilic dispersion
Liner:	Silicon paper, brown
Thickness without liner:	0,29 -0,32 mm (DIN EN 1942)
Peel adhesiont:	≥35 N/25 mm; 40 % DIN EN 1939
Elongation:	≥ 25 N/25 mm; 100% DIN EN 14410
Processing temperature:	+5°C recommended, processable from – 10°C
Temperature resistance:	-40°C bis + 100°C
condensation resistance	Very high
Resistance to aging	Very high
Tack:	Very high

The determination of the adhesive force based on standard market, strip-shaped substrates are carried out in accordance to the test standard of DIN EN ISO 11339 of

T-peeling standard on sticked connections of flexible joint parts. Variations of the test parameters, adhesion period and traverse speed are specified separately.

The technical information and recommendation are based upon tests or experience

However, due to the complexity of each application, the user is solely responsible to determine if the product is suitable for the intended use.

Edition: April 2020