

07790560 DIFFUSION-OPEN ADHESIVE TAPE

Tape structure:

Backing: Tyvek® HDPE non-woven fabric

Adhesive: Acrylic dispersion

Release liner: Silicone-coated paper

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Product Description:

The high-performance adhesive system ensures excellent tack values and adheres well to non-polar and low energy surfaces. It bonds especially well to PE film and HDPE/PP/PE fleeces. The carrier material consists of a moisture and stretch resistant HDPE fleece, with excellent bonding performance for indoor sealing and underlayment applications. Compared with conventional soft PE film carriers, the heat/wrinkle resistance of the HDPE fleece carrier is superior. Therefore, the seal is better protected and will last significantly longer.

Main Application:

07790560 is a sealing and bonding tape used for steep roofs. The HDPE fleece is used for roofing, underlay and facade membranes. Ideally, their overlaps are with an adhesive tape whose carrier has the same material base. Underlays are connected windproof along the overlap. In addition to the HDPE fleece of the adhesive tape, the adhesive itself also fulfils an important sealing function. The unique adhesive properties make the 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.

Technical information:

Properties	Units	Specification	Test method
Thickness (without liner)	mm	0.32-0.37	DIN EN 1942
Peel adhesion	N/cm	10	DIN EN ISO 29862
Peel strength		Fulfills	DIN 4108-11
Elongation	%	15	DIN EN 14410
Application temperature	°C	+5 recommended	
Temperature resistance	°C	-30 - +120	
Tack		Excellent	
Condensation water resistance		High	
Aging resistance		Very high	

Color:



SHELF LIFE AND STORAGE

Tapes should be used within 12 months when stored in original carton at 23 °C and max. 50 % relative humidity. We recommend a storage temperature between 15 and 25 °C. The product should not be directly exposed to heat or humidity. The product should be conditioned to room temperature before use

IMPORTANT NOTICE TO PURCHASER

All statements technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and assume all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacture. Customers are advised to test the material to determine the suitability against intended applications.



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 4108/7 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 has to be checked by the user, if required the application has to be re-worked.