

AIRSTOP FLEX Adhesive Tape

To guarantee air and wind-tightness for the skin of a construction it must have the appropriate foils or panel materials providing a permanent seal at overlaps, gaps, joints and penetration points. AIRSTOP Flex Adhesive Tape is slightly expandable, tear-resistant, can be plastered over and painted over, has adhesive generously applied and is suitable for a variety of bonding applications.



FIELD OF APPLICATION

- adhesion of vapour retarders and airtight layers
- joins of OSB and DWD (wood fibre board) panels, indoors and outdoors
- joins and connections with wood, OSB, metal...
- Joint connections according to ÖNORM B 5320 and DIN 4108-7 are possible

ADVANTAGES

- slightly expandable
- tear-resistant
- can be plastered over and painted over
- strong adhesion

AVAILABLE IN THE FOLLOWING DIMENSIONS

Roll width	50 mm	60 mm	75 mm	100 mm	150 mm	200 mm
Roll length	25 m	25 m	25 m	25 m	25 m	25 m
Backing strips	-	-	30/45	50/50	75/75	100/100
Rolls/carton	8	8	4	4	2	2

PRODUCT DATA

Composition	slightly expandable synthetic base material, laminated airtight, acrylate adhesive
Thickness	0,60 mm
Resistance to temperature	- 40 °C - + 100 °C
Working temperature	- 5 °C - + 40 °C
Resistance to ageing	30 Years
Storage	cool and dry
Storability	2 Years
UV-resistance	2 Months
Color	transparent white with green AIRSTOP imprint
Sd-value	5 m

10/2017_EN

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PROCESSING GUIDELINES AIRSTOP Adhesive Tapes

Description

tear resistant system adhesive tapes with acrylate adhesive.

UV stability

max. 2 months; for higher requirements please use the 'OMEGA facade tape'.

Adhesive force

AIRSTOP adhesive tapes perform the function of airtight and wind-tight sealing and not that of positive bonding. Vapour barriers and other films must always be secured by staples, laths or the like (mechanical).

Plastering over

the AIRSTOP adhesive tapes cannot be plastered or painted over. Please use the AIRSTOP FLEX adhesive tape for this application.

Bonding technique

when affixing the adhesive tape, the tape must be adhered over its entire surface to the substrate. The higher the contact pressure, the better the adhesion (pressing roller). It is possible without problem to adhere the tape over itself or to adhere it crosswise. We recommend the AIRSTOP sealing compound SPRINT or AIRSTOP DIMAROLL for plastered surfaces or very rough wood. The materials to be processed must be free of dust and grease, in addition to which the substrates must be dry and capable of bearing loads. In the case of doubt we recommend the pre-treatment of the substrate. (UNI primer or BUBI LF bonding agent).

Bonding at very low temperatures

AIRSTOP adhesive tapes are suitable for bonding from approx. -5°C . Note please that surface condensate can result at lower temperatures even in the case of minimal changes in temperature. This acts like a separating layer and decreases the adhesion.

Adheres to the following substrates

wood, wood-based panels (OSB, MDF, 3S-panels etc.), brick, plastics (smooth surface, free of silicones and waxes), metals free of oxides and rust etc. Observe the system suggestions in accordance with our price list.

Bonding time

after the attachment of the AIRSTOP adhesive tape a so-called 'cross-linking process' takes place. This takes about 6 - 24 hours, depending on the temperature. Only then is the full adhesion attained.

Removal of the adhesive tape

warm up the adhesive tape with a hair dryer and pull slowly on the adhesive tape. Remove the last residues with AIRSTOP adhesive cleaner. Caution: do not rub for too long in one place on sensitive substrates. If necessary, wait 5 - 15 minutes and spray AIRSTOP adhesive cleaner on once again and wipe it off.

Storage

cool and dry in a closed cardboard box; do not stack rollers on top of one another without release paper in between.

Disposal

release paper and adhesive tape - domestic waste, waste tip

Guarantee

the acrylate adhesive employed does not contain any additives that cause the adhesive layer to become brittle and is therefore extremely resistant to aging. Please refer to the respective product data sheet for the aging resistance of the respective AIRSTOP adhesive tapes.

ISOCELL GmbH
Gewerbstraße 9
5202 NEUMARKT AM WALLERSEE | Österreich
Tel.: +43 6216 4108 | Fax: +43 6216 7979
office@isocell.at

ISOCELL SCHWEIZ AG
Herbergstrasse 29
9524 ZUZWIL | Suisse /Schweiz
Tel.: +41 71 544 47 20
office@isocell.ch

ISOCELL FRANCE
170 Rue Jean Monnet | ZAC de Prat Pip Sud
29490 GUIPAVAS | France
Tél.: +33 2 98 42 11 00 | Fax: +33 2 98 42 11 99
contact@isocell-france.fr

ISOCELL BUREEL BELGIË
Außenborner Weg 1 | Schoppen
4770 AMEL | Belgique
Tel.: +32 80 39 90 58 | Fax: +32 80 39 97 68
office@isocell.be

ISOCELL Sverige AB
Gamla Stallet | Stora Väsbys
194 37 UPPLANDS VÄSBY | Sverige
Tel.: +46 10 130 25 01
office@isocell.se

ISOCELL
www.isocell.com