



tesa® PROFESSIONAL

tesa® 60077 SEAL FLEX+ VAPOUR BARRIER

tesa® 60077 Seal Flex+ is the new flexible and powerful adhesive sealing tape ideally suited for airtight seals of vapour barrier foils

The flexible PE sealing tape tesa® 60077 with its particular adhesive strength is ideally suited for airtight seals of overlapping vapour barrier foils. The vapour barrier tape helps efficiently protect buildings from humidity that might enter through the roof. For sealing wall penetrations, e.g. when laying pipes and cables, the sealing tape is a reliable helper.

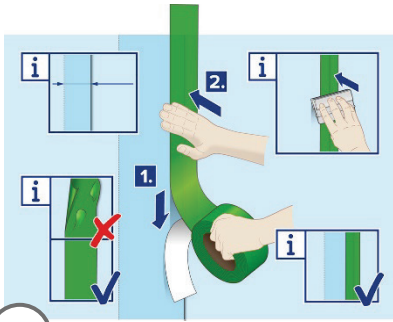
Due to its flexible backing, the fibres inside and a width of 50mm, application is easy and fast. Its high age resistance allows the sealing adhesive tape to be used in challenging environments as well. Furthermore, the sealing tape has very low emissions (GEV-EMICODE certificate).

- Protects buildings against humidity through airtight sealing of vapour barrier foils (according to (gem. DIN 4108-11)
- Vapour barrier tape for new buildings and renovations of existing roofs
- Indoor and outdoor application (according to P-mark certificate): insulation under, between or over the rafters
- Sealing adhesive tape also suited to seal wall penetrations when laying pipes and cables
- Extremely high and permanent adhesive strength
- Easy and time-saving application



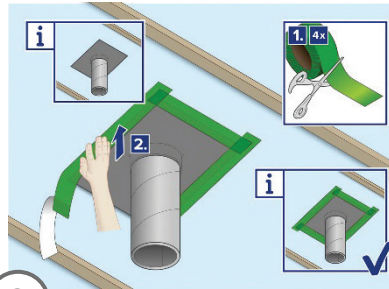
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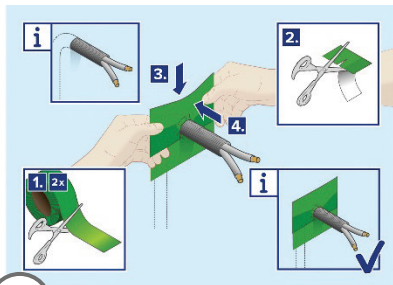
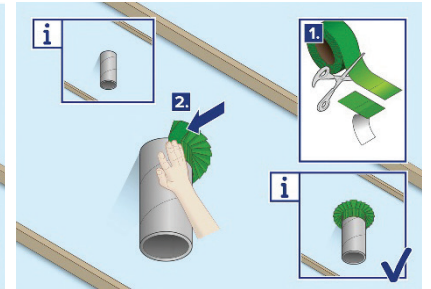
1 Overlapping joints

- Overlap the air and vapour barrier substrates by at least 10 cm.
- Center and attach the tape on top of the overlap.
- Strongly press the tape to the barrier substrate, working carefully to prevent wrinkles and air entrapments in the joint.
- Do not overstretch the tape during application



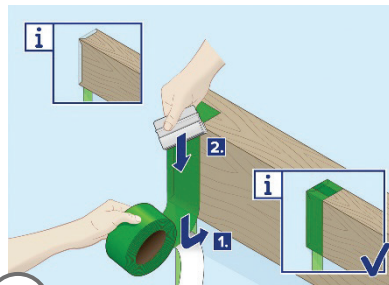
2 Pipe penetrations

- Pre-fold the tape in half.
- Overlap the individual tape pieces at a slight angle with approximately 30% overlapping to completely surround the penetration.
- Press each of the tape pieces on by hand with firm pressure.
- For extra protection, overlap the tape pieces attached to the pipe with an additional piece of tape and use small tape pieces to secure the tape attached to the barrier substrate.



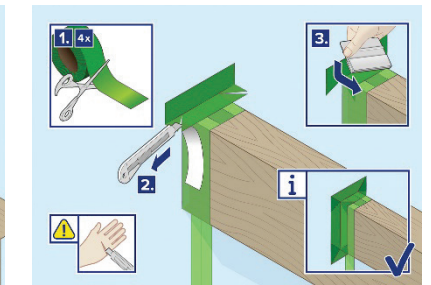
3 Cable penetrations

- Small cable penetrations require at least two pieces of sealing tape with a width of at least 110 mm.
- Slit each of the tapes halfway through at the center position.
- Place the first tape piece around the bottom of the cable, positioning the slit position around the penetration with firm pressure.
- Then place the second tape piece on top, overlapping the first tape piece with firm pressure to ensure an air tight connection.



4 Attachment with wooden rafters

- Cut the air and vapour barrier substrates around each of the wooden rafters. Each cut should be made sparingly so that there is a small overlap of the air and vapour barrier and wooden beam.
- Cut carefully at the corners to achieve the air and vapour barrier positioned perfectly on the wooden rafter without wrinkles or tension.
- Apply the tape at each of the overlapping positions between the air and vapour barrier and the wooden beam. Fold the tape in at the corners to assure an air-tight connection. Press on the tape with firm pressure.



5 Repairing tears

- Smaller tears less than 40 mm in diameter can be repaired with two pieces of sealing tape.
- Overlap the tape with approximately 30% of the width. Larger holes must be repaired with a patch system.
- Cut a patch larger than the hole or tear with an overlap of at least 30 mm on each side.
- Secure the patch with a piece of tape on each side.
- Press on firmly to obtain an air-tight connection with no air channels present.

