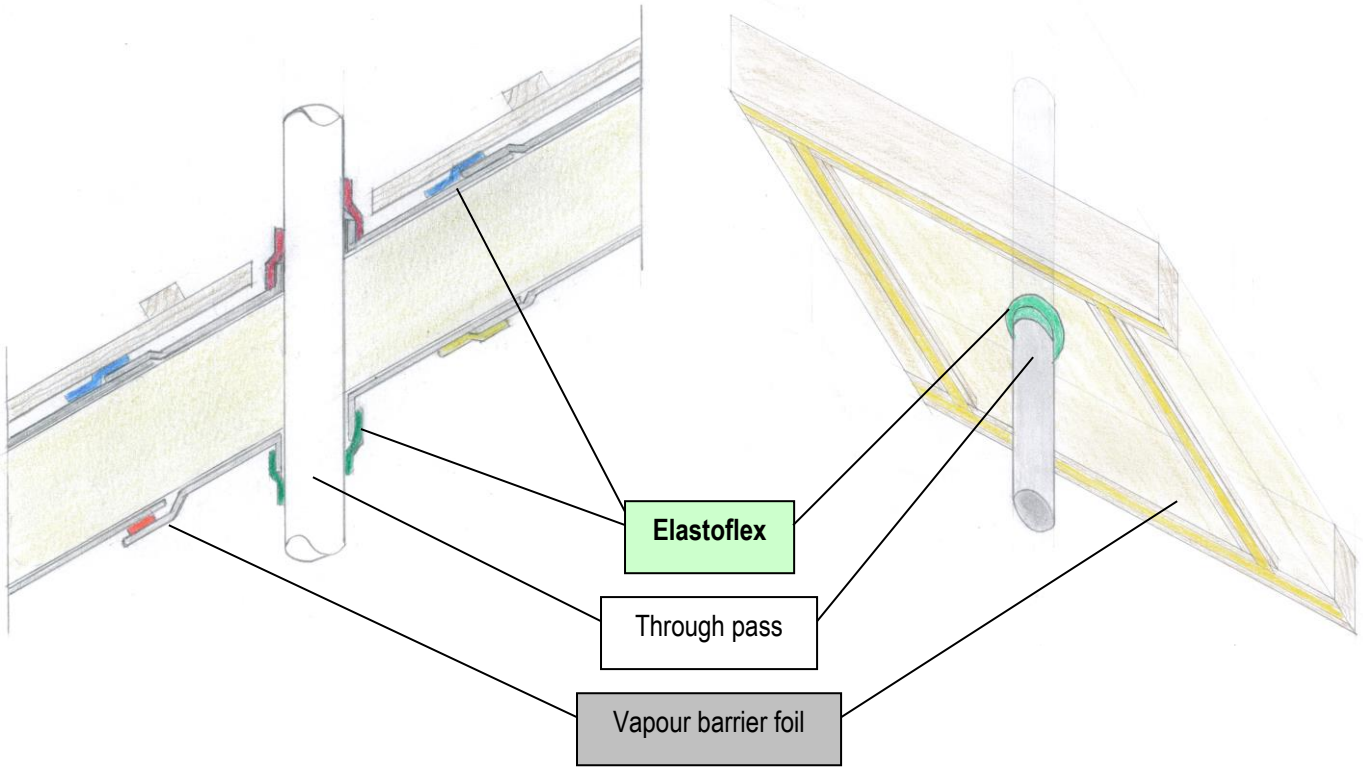
Technical Information
Elastoflex

Elastoflex is excellent suited to provide an airtight seal for vapour barriers on through-passes in the interior as well as, to seal joints and through-passes of roof membranes in the exterior and to seal connecting joints to roof windows. When applied in the exterior, Elastoflex has to be covered by the roof covering within 3 months.
The slight elasticity in connection with tear resistant thread reinforcement makes the sealing tape universally suitable for sealing.
Elastoflex is very aggressive adhesive – it even sticks at extremely low temperatures and conforms to DIN 4108-7.
We like to confirm, that our sealing tape Elastoflex fulfils the requirements of the valid standard DIN 4108 part 11, when our valid processing instructions are observed.

Technical data:

Backbone	LD-polyethylene foil, stretchy, green	
Adhesive	Acrylate dispersion, solvent free	
Adhesive middle layer	Polyester lattice layer	
Covering material	silicon paper	
Thickness (without covering)	approx. 0.28mm	
Adhesive layer	approx. 210 g / m²	
Adhesive strength	approx. 35 N / 25 mm	DIN EN 1939
Temperature resistance	– 40 °C to + 80 °C	
UV resistance	max. 3 months	
Durability against ageing	very good	
Moisture resistance	good	
Processing temperature	recommended from + 5 °C to + 40 °C possible from – 10 °C	



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Processing notes:
The vapour barriers or roof membranes and subsurfaces to be sealed must be solid and of suitable load carrying capacity (rafters, boards, roof battens, e. g.), clean, dry, free of dust, oil and grease. The subsurface must contain no adhesives. If the air or vapour barrier or roof membrane must be rolled out on a dusty floor for cutting, then the overlap must be cleaned with a rag before attaching the sealing tape. This also applies if the foil or membrane is rolled off from a vertically positioned spool and the lower edge comes in contact with dusty ground. Completed bondings must not be arranged in standing water and must not be under permanent tension. Folds and tensions in adhesive tape or foil have to be relaxed by cutting following by bonding with tape.
Attach the vapour barrier or roof membrane tightly, but free of pulls and wrinkles and cover the overlaps without gaps with the adhesive tape. Make sure that the adhesive surface of the tape is large enough for the overlapping foils. Use a dry sponge or similar for pressure distribution and rub the adhesive tape for even adhesion.
If the vapour barrier foils or roof membrane have been installed with uneven tension, then wrinkles might form under the adhesive tape when the overlaps are covered. In this case, the tape cannot provide a permanent seal in these areas, since all adhesive tapes are only flexible on a limited or non-existent basis and will reset. If there are any wrinkles or pulls, then several layers of adhesive tape must be installed side by side for proper coverage.
Very wide vapour barriers or roof membrane, which are folded when they are delivered, require special attention on the fold points. These barrier foils must be installed tightly – but not pulled stretched – to provide a smooth base for sealing.
If the tape should be installed at temperatures of 0 to – 10 °C, please observe that the adhesion force will be reduced. Installation at these temperatures is possible, a high adhesion force will be achieved only after a long time.
For bonding permeations, cut short tape lengths – do not tear the tape by hand Prefold the tape lengthwise and stick it by half each onto the permeation and the foil. without tension. Apply overlapping tapes. Always start at the lowest point of the permeation.

Storage:
12 months after production date in the closed original drum at temperatures from 15 °C to 25 °C and a relative humidity of 40 % to 60 %.

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