



ECOPLY® BARRIER AIR SEALS USING SEALANT MARKET UPDATE

INTRODUCTION

Air seals around windows, doors and other penetrations are required to minimise the risk of airflow carrying moisture into the building wall. Acceptable Solution, E2/AS1 External Moisture (E2/AS1), Section 9.1.6 Air Seals details the requirements for air seals including options for both self-expanding polyethylene foam and sealant.

This Technical Note details suitability of Ecoply Barrier tapes and compatibility with both self-expanding polyethylene foam and sealant.

MARKET UPDATE

As part of a continual development process, the surface layer of the Ecoply Barrier tapes have been updated to a slightly different texture and appearance resulting in better adhesion of sealants to both the Ecoply Barrier sill and frame sealing tapes. As such, the wet seals and self-expanding polyethylene foam brands listed below can be directly applied to the Ecoply Barrier range of tapes.

On site adhesion checks are recommended to confirm suitability of the sealant substrate combination. Please refer to sealant suppliers for testing documentation of approved sealants for warranties.

Note: Tapes produced earlier than 1 January 2022 may still be in circulation. If there is any doubt, please check the production date which is noted on individual rolls as these will not be suitable for direct application of sealants.

The following construction sealants have been tested with the Ecoply Barrier branded sill and frame sealing tapes manufactured by Pro Clima:



BOSTIK

- Bostik Safeseal
- Bostik Seal n Flex Facade

DOW

- Dowsill 688
- Dowsill 758
- Dowsill 790
- Dowsill 791

GLASSCORP

- Glasscorp MSHP
- Glasscorp HP Façade

SABRE

- Sabre Seal MS25

SIKA

- Sika MZ
- Sika AT Façade
- Sikaflex 123 MS Bond
- Sika Hyflex 250 Façade
- Sikasil WS 605 S

SOUDAL

- Gorilla MS Sealant
- Gorilla 940FC
- Gorilla Plumbers Silicone
- Gorilla Blackjack Sealant
- Tremco Dymonic FC

REFERENCES

- Ecoply® Barrier Specification and Installation Guide
- Pro Clima Letter Market update Tescon WS Obsolete dated 9 December 2024
- Pro Clima Letter Construction sealants tested with Proclima weathertightness products dated 14 June 2024

LIMITATIONS

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