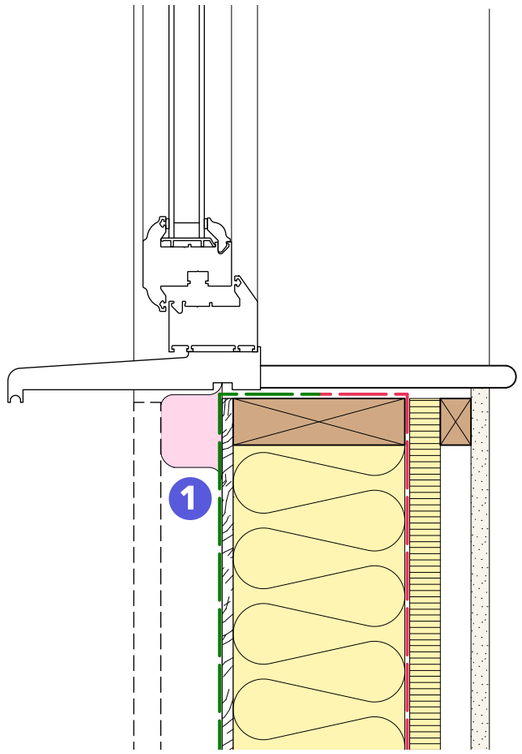
# E3 -02: Sill - Window - Polythene Sleeved Cavity Barrier

**Psi Value: 0.042 W/mK**

f Value: 0.86




## Thermal Compliance Notes

1. 65x65mm polythene sleeve cavity barrier (compressed to 50mm).

## Construction Notes

1. Non-masonry cladding system to be specified and detailed by Principal Designer.
2. When using non-masonry cladding systems, A2 fire rated sheathing is a requirement in England and Wales. It is the Principal Designer's responsibility to confirm fire safety requirements for non-masonry cladding systems in all regulatory locations.
3. Ensure non-masonry cladding and timber frame shrinkage/settlement allowances are in accordance with STA differential movement technical guidance.
4. Membrane and VCL shown may help improve air tightness performance.

## General Notes

1. The timber frame detailing arrangements shown are considered common industry practice and align with STA technical guidance and advice where required.
2. All non-timber frame construction detailing, design and specifications, are the responsibility of the Principal Designer.
3. All horizontal and vertical cavity barriers and firestops (timber, polythene sleeved or open state) are to be located and fitted in accordance with STA cavity barrier and firestopping technical guidance.