



WEATHERING RISK

RISKS:

- WINDOW SILL PROJECTION INSUFFICIENT TO PROVIDE EFFECTIVE WATER SHEDDING.
- DIFFERENTIAL THERMAL MOVEMENT AT RENDER ABUTMENT TO SILL MAY ALLOW WATER INGRESS.

SOLUTIONS:

- WINDOWS SILL AND FRAME SEALED AGAINST STRUCTURAL OPENING AND WEATHERTIGHT PRIOR TO INSTALLATION OF THE EWI SYSTEM.
- EWI SYSTEM SEALED AGAINST WINDOW SILL/OVERSILL WITH FULLY COMPRESSED HYDROPHOBIC SEALING TAPE AND MASTIC SEALANT.
- WINDOW SILL TO PROVIDE MIN 40 MM PROJECTION FROM FACE OF RENDER. *
- IF WINDOW SILL PROJECTION IS INSUFFICIENT, PROVIDE SUITABLE OVER- OR UNDER-SILL (SEE WRD-WS003).
- DESIGNERS SHOULD CONSIDER THE USE OF SILLS WITH GREATER PROJECTION WHERE EXPOSURE IS ZONE 4/VERY SEVERE (BR282).

SEE BSEN13914-1:2016 DESIGN, PREPARATION AND APPLICATION OF EXTERNAL RENDERING AND INTERNAL PLASTERING EXTERNAL RENDERING

1. Window sealing strip (WRD-WJ001A) or compressible sealing tape with stop bead and mastic (WRD-WJ001B)
2. Sealing tape and mastic sealant between top of sill and underside of insulation
3. Sealing tape and mastic sealant between underside of sill and top of insulation (WRD-WJ002)
4. Window sill to be sealed (air tight/weather tight) to structural opening.
5. Insulation.
6. Basecoat and Topcoat.

DRAWING TITLE: Existing Window With Tile Sill And Oversill



DRAWING No: EP-053

DATE: 09-02-2022

SCALE: NTS

REFERENCES:
WRD-WS004

EWI Pro Insulation Systems LTD.
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