



Date : 1st 'DEC 2023

RE : TESON TESONTRANS -222 METHOD STATEMENT FOR ROOF DECK RE-WATERPROOFING APPLICATION

A. SURFACE PREPARATION

- 1.Surface of the roof deck area must be free from dust, crack, oil, grease, or any contaminants.
- 2.Tile joint or grouting area, as well as angel fillet joint need to apply water jet to remove any loose residue or any deposit or foreign staining such as efflorescence.
3. Angel fillet can apply with TESON TMS-600 hybrid sealant, along perimeter of roof deck area, prior to re-waterproofing at roof deck area .
- 4.TESONTRANS-222 can start repair work at tile grout joint, apply with short hair brush, to achieve coating up to surrounding tile level. The dosage ideally should only cover tile grout joint area.

B. WATERPROOFING APPLICATION

- 1.TESONTRANS-222 can continue to apply the 1st coat across all roof deck area with short hair brush or roller at coverage of 0.6 kg/SQ-M per coat, and allow the 1st coat with 2 to 4 hours curing time to achieve desired adhesion performance.
- 2.2nd coat of TESONTRANS -222 will proceed with same application tool chosen at coverage of maximum 0.6 kg/SQ-M, subject to finishing and substrate condition after the 1st coat.
- 3.The ideal dry film thickness should be 1mm +/- 0.1 mm, TESONTRANS-222 need to spread evenly during application in order to achieve such dry film thickness. The excessive coating weight and thickness may affect transparency of end appearance.
- 4.The parapet wall surrounding roof deck area need to apply TESONTRANS222 at upturn level up to 25mm, with same and minimum two coats.
- 5.Drainage area, if leaking occurs, apply TESONTRANS-222 from opening and along perimeter of downpipe up to depth of 50mm minimum from roof deck level.
- 6.Roof deck area can proceed with water ponding test; if required to validate performance and workmanship of waterproofing application work; about one week after completion of the 2nd coats. The water ponding test will normally run overnight at ponding water level between 2.5 cm to 10.0 cm depth.

C.REMINDER /DISCLAIMER

1. The roof deck or area coated with TESONTRANS-222 will appear sticky after completion of application, it can improve once experience water ponding due to rainy or ongoing cleaning work at coated area thereafter.
- 2 Depend of application, TESONTRANS-222 may turn into milky white after long term water ponding occurrence, the appearance will return to transparent once ponding water being discharge, and expose to sunlight and normal dry weather condition.

Yours faithfully

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