



Date : 4<sup>th</sup> May '2024

RE: TESON TESONTRANS-222 METHOD STATEMENT FOR TOILET RE-WATERPROOFING APPLICATION

#### A. SURFACE PREPARATION

1. Surface of the toilet area must be free from dust, crack , oil , grease , or any contaminant
2. The grout joint area needs to remove any loose grouting mortar if observe, TM-401 ready use tile grout can select and repair gout joint by brush ,if require .
3. The joint between horizontal and upturn of tiling area should have sound grouting or joint treatment. TESON TMS-600 hybrid sealant can select and repair joint perimeter by barrel gun, if require.
4. The toilet area will receive TMS-222 need to maintain dry and free from moisture and any water ponding occurrence, Air jet the area prior to application is recommended.

#### B. Waterproofing Application

1. TESONTRANS-222 can apply the 1<sup>st</sup> coat across all toilet area, both horizontal and upturn, with short hair brush or roller at coverage of 0.6 Kg/ sq-m per coat , The 1<sup>st</sup> coat should allow 3 to 6 hours curing time to achieve desired adhesion performance .
2. Depend on porosity of surface, TESONTRANS-222 can dilute with water up to 10 % , and apply as primer to enhance adhesion prior to apply the 1<sup>st</sup> coat. The coverage will be 0.5 Kg/sq-m.
3. 2<sup>nd</sup> coat of TESONTRANS-222 will proceed with same application per tool chosen at coverage of maximum 0.6 kg/sq-m , subject to finishing and substrate condition of the 1<sup>st</sup> coat.
4. The ideal dry film thickness after 1<sup>st</sup> and 2<sup>nd</sup> coat should be 1mm +/- 0.1 mm, TESONTRANS-222 need to spread evenly during application in order to achieve consistent dry file thickness, The excessive coating weight and thickness may affect transparency of the end appearance
5. Drainage area, if leaking occurred, need to apply TESONTRANS-222 from opening and alone perimeter of downpipe up to the depth of minimum 50 mm from toilet level
6. Toilet area can proceed with water ponding test, if intend to validate performance and workmanship of waterproofing application work. It needs about one week before conduct waterproofing ponding test. The waterproofing ponding test will run overnight at ponding water level between 2.5 to 10 cm depth.

#### C. REMINDER/DISCLAIMER

1. The toilet or area coated with TESONTRANS-222 will appear sticky after completion of application, it can improve once experience water ponding due to cleaning or housekeeping work at coated area thereafter.
2. Depend on application, TESONTRANS-222 may turn into milky white appearance after long term water ponding occur, The appearance will return to transparent once ponding water being discharge and expose to normal dry weather condition .
3. Household cleaner, or detergent with high acidic or alkaline property may affect appearance and dry film property of TESONTRANS-222 coating; It is toilet owner's discretion to select neutral property cleaner ( PH value : 7 +/- 1) or detergent for toilet maintenance purpose .

Yours faithfully

Management of Excel Ingenios Sdn Bhd

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