

TECHNICAL DATA SHEET

TILESTIX - CURVEFIT

PHYSICAL PROPERTIES ARE AT 25° C

PHYSICAL PROPERTIES	CURVEFIT (TX7)
Mixing Ratio by weight	0.30 – 0.32
Mixed Density, kg/liter	1.50 – 1.60
Open Time, minutes (IS 15477: 2019)	Minimum 40
Adjustability, minutes (IS 15477: 2019)	Approx. 40
Pot Life, hours	Minimum 2
Setting Time, hours	24
Time to Foot Traffic, hours	24
Time to Heavy Traffic, hours	28
Adhesive Thickness, mm	3 – 12
Application Temperature (Substrate and Materials), °C	5 – 35

PROPERTIES AS PER IS 15477: 2019 (TYPE 4TS2)

TESTING PROPERTIES	REQUIREMENT	TEST RESULTS
1. Tensile Adhesion Strength		
a. Dry Condition, N/mm ²	Minimum 1.5	> 1.80
b. Wet Condition, N/mm ²	Minimum 1.0	> 1.25
2. Shear Adhesion Strength		
a. Dry Condition, N/mm ²	Minimum 1.5	> 1.70
b. Wet Condition, N/mm ²	Minimum 1.0	> 1.25
c. Heat Aging, N/mm ²	Minimum 1.0	> 1.60
3. Slip Resistance, mm	≤ 0.5	< 0.3
4. Deformability, mm (S2)	≥ 5.0	> 5.5

PROPERTIES AS PER EN 12004: 2017 (C2TES2)

TESTING PROPERTIES	REQUIREMENT	TEST RESULTS
1. Open Time @ 30 minutes, N/mm ²	≥ 0.5	> 0.8
2. Slip Resistance, mm	≤ 0.5	< 0.3
3. Transverse deformation, mm (S2)	≥ 5.0	> 5.5
4. Tensile Adhesion Strength		
a. Initial, N/mm ²	≥ 1.0	> 1.80
b. After Water Immersion, N/mm ²	≥ 1.0	> 1.25
c. After Heat Aging, N/mm ²	≥ 1.0	> 1.50
d. After Freeze-Thaw Cycles, N/mm ²	≥ 1.0	> 1.30

NOTE

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.