

TECHNICAL DATA SHEET

TILESTIX – VITRIBIND GRIP+

PHYSICAL PROPERTIES ARE AT 25° C

PHYSICAL PROPERTIES	
Mixing Ratio by weight	0.29 – 0.31
Mixed Density, kg/liter	1.55 – 1.75
Open Time, minutes (IS 15477: 2019)	Min. 30
Adjustability, minutes (IS 15477: 2019)	Approx. 30
Pot Life, hours	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 2T)

TESTING PROPERTIES	REQUIREMENT	TEST RESULTS
1. Tensile Adhesion Strength		
a. Dry Condition, N/mm ²	Minimum 1.0	>1.25
b. Wet Condition, N/mm ²	Minimum 1.0	>1.10
2. Shear Adhesion Strength		
a. Dry Condition, N/mm ²	Minimum 1.25	>1.40
b. Wet Condition, N/mm ²	Minimum 1.0	>1.10
c. Heat Aging, N/mm ²	Minimum 1.0	>1.20
3. Slip Resistance, mm	≤ 0.5	<0.4

PROPERTIES AS PER EN 12004: 2017 (C2TE)

TESTING PROPERTIES	REQUIREMENT	TEST RESULTS
1. Open Time @ 30 minutes, N/mm ²	≥ 0.5	>0.7
2. Slip Resistance, mm	≤ 0.5	<0.4
3. Tensile Adhesion Strength		
a. Initial, N/mm ²	≥ 1.0	>1.25
b. After Water Immersion, N/mm ²	≥ 1.0	>1.10
c. After Heat Aging, N/mm ²	≥ 1.0	>1.20
d. After Freeze-Thaw Cycles, N/mm ²	≥ 1.0	>1.10

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.