

TECHNICAL DATA SHEET

TILELYNK – TILE GROUT

COVERAGE:

CONSUMPTION OF CEMENT BASED TILE GROUT IN KG/M2										
TILE DIMENSION, MM			JOINT / GROUTING WIDTH (MM)							
LENGTH	WIDTH	THICKNESS	MIX DENSITY OF TILE GROUT - > 1.75 KG/LITRE							
			2	3	4	5	6	8	10	12
25	25	6	1.68	2.52	3.36	4.2	5.04	6.72	8.4	10.08
25	50	6	1.26	1.89	2.52	3.15	3.78	5.04	6.3	7.56
50	50	6	0.84	1.26	1.68	2.1	2.52	3.36	4.2	5.04
100	100	6	0.42	0.63	0.84	1.05	1.26	1.68	2.1	2.52
100	100	10	0.7	1.05	1.4	1.75	2.1	2.8	3.5	4.2
300	200	6	0.18	0.26	0.35	0.44	0.53	0.7	0.88	1.05
300	300	6	0.14	0.21	0.28	0.35	0.42	0.56	0.7	0.84
450	300	6	0.12	0.18	0.23	0.29	0.35	0.47	0.58	0.7
600	300	6	0.11	0.16	0.21	0.26	0.32	0.42	0.53	0.63
600	600	8	0.09	0.14	0.19	0.23	0.28	0.37	0.47	0.56
800	800	8	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.42
1000	1000	10	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.42
1200	600	10	0.09	0.13	0.18	0.22	0.26	0.35	0.44	0.53
1200	800	10	0.07	0.11	0.15	0.18	0.22	0.29	0.36	0.44
1200	1200	12	0.07	0.11	0.14	0.18	0.21	0.28	0.35	0.42
1600	800	12	0.08	0.12	0.16	0.2	0.24	0.32	0.39	0.47
1800	1200	12	0.06	0.09	0.12	0.15	0.18	0.23	0.29	0.35

TECHNICAL SPECIFICATIONS:

PHYSICAL PROPERTIES	
Mixing Ratio by weight	0.34 – 0.36
Mixed Density, kg/liter	1.65 – 1.85
Pot Life, hours	1
Sag Resistance	Non-Sag
Setting Time, hours	24
Time to Foot Traffic, hours	24
Time to Heavy Traffic, days	7 days
Width Thickness, mm	Up to 6 mm
Application Temperature (Substrate and Materials), °C	5 - 35

PROPERTIES AS PER EN 13888-1 - 2022 (CG-2WA)

TESTING PROPERTIES	TEST METHOD	REQUIREMENT	TEST RESULTS
1 a. Compressive Strength - Dry, N/mm ²	EN 13888	≥ 15	> 22
1 b. Compressive Strength - Freeze Thaw Cycle, N/mm ²	EN 13888	≥ 15	> 18
2 a. Flexural Strength - Dry, N/mm ²	EN 13888	≥ 2.5	> 6
2 b. Flexural Strength - Freeze Thaw Cycle, N/mm	EN 13888	≥ 2.5	> 5
3 a. Water Absorption after 30 minutes, gms	EN 13888	< 2	< 1.6
3 b. Water Absorption after 240 minutes, gms	EN 13888	< 5	< 3.7
4. Shrinkage, mm/m	EN 13888	< 3	< 0.2
5. Abrasion Resistance, mm ³	EN 12808	≤ 1000	< 800

NOTE

Test results are indicative and based on standard testing methods. They may vary due to substrate, site conditions, and testing equipment. Actual performance will depend on installation methods and site conditions.