

TEST REPORT

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Sample: Waterproofing compound (WP-999)

Customer:
Geeta Surface Coatings
Pune

Date : 07.08.17

Tested by : Technical Centre Mumbai

1. Introduction

- In compliance with the customer a sample of Water proofing compound WP-999 from “Geeta Surface Coatings” has been tested as per following test methods:
 1. Test Condition: 23 ± 2 °C, 50 ± 5 % RH
 2. Tensile Adhesion strength as per EN 1348
 3. Crack Bridging test as per Wacker method
 4. Water Impermeability Test as per DIN 1048
 5. Test Specimen Curing Condition:
 - i. At Standard Condition: 23 ± 2 °C, 50 ± 5 % RH for 28 days
 - ii. Water immersion: 7days at 23 ± 2 °C, 50 ± 5 % RH + 21 days under water immersion
 - iii. Heat Ageing: 14 days at 23 ± 2 °C, 50 ± 5 % RH + 14 days at 70 °C + 1 day 23 ± 2 °C, 50 ± 5 % RH

2. Test Results

2.1 The Physical and application properties of water proofing compound WP-999 are as given below:

Test Results				
Sr. No.	Properties	Observation		
1	Appearance	Powder		
2	Colour	White		
3	Water demand for 100 g of sample (ml)	32.0		
4	Application	by brush.		
5	Touch dry	60-80 min		
6	Pot Life	120 min		
7	Final appearance	After the application of 2 coat, no brush marks, texture finish		
8	Tensile Adhesion Strength (N/mm ²) as per EN 1348	After 28 d sc	MV	1.45
		After 7 d sc + 21 d water immersion	MV	0.97
		After 14 d sc + 14 d 70 °C	MV	1.70
9	Crack over bridging (mm)	After 28 d sc	MV	≥ 0.75 mm
10	Water impermeability (at Positive Pressure)	After 28 days sc.	MV	Passes 7 bar

Where, **d** = days, **sc** = standard climate (23°C± 2, 50%± 5 RH, **MV** = mean value)

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SR. TECHNICAL SERVICE MANAGER
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