

## TEST REPORT

**Wacker Chemie India Pvt. Ltd.**  
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Sample: Wall Putty

Customer:  
Gujrat Paint Industries

Date : 24.03.2017

Tested by : Technical Centre Mumbai

### 1. Introduction

- In compliance with the customer a sample of wall putty from "Gujrat Paints Industries," has been tested as per following test method:
  1. Tensile adhesion strength as per EN 1348
  2. Compression Strength as per EN 1015 – 11
  3. Flexural Strength as per EN 12808 - 3
  4. Abrasion Resistance as per EN 12808 - 2
  5. Shrinkage as per EN 12808 - 4
- Curing condition for test specimen:  
At Standard Condition:  $23 \pm 2$  °C,  $50 \pm 5$  % RH for 28 days
- Test Condition :  $23 \pm 2$  °C,  $50 \pm 5$  % RH

## 2. Test Results

2.1 The Physical and application properties of wall putty are as given below

Test Results				
Sr. No.	Properties			Observation
1	Appearance			Powder
2	Colour			White
3	Water demand for 100 g of dry mix sample			41.0 ml
4	Application			by plain trowel.
5	Workability			Good
6	Chalking			No
7	Water absorption by Karsten tube (ml)			> 4.0 ml
8	Abrasion test (mm <sup>3</sup> ) as per EN 12808 -2			165 mm <sup>3</sup>
9	Shrinkage (mm/m)			1.76
10	Compression Strength (N/mm <sup>2</sup> ) as per EN 1015 – 11			7.27
11	Flexural Strength (N/mm <sup>2</sup> ) as per EN 12808 - 3			4.01
12	Tensile Adhesion Strength (N/mm <sup>2</sup> ), as per EN 1348	After 7d sc	MV	0.72
		After 28d sc	MV	0.99

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

**Dr. PRITI PILLAY**  
SR. TECHNICAL SERVICE MANAGER  
CONSTRUCTION POLYMERS  
**Wacker Chemie India Pvt. Ltd**  
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