

Technical Mortars & Screeds Testing and Product Characteristics

| | 572 | 573 | 574 |
|--|--|--|---|
| Consistency | Powder | Powder | Powder |
| Pack Size | 25kg | 25kg | 8kg |
| Water addition | Brush- 4.25ltrs Render- 2.5ltrs | N/A Render- 3.5ltr | Putty- 500gm powder/ 150ml water |
| Usable life (20°C) | 30 minutes | 10 minutes | 2-3 minutes |
| Touch dry (20°C) | 6 hours | 4 hours | 5 minutes |
| Minimum overcoat (20°C) | 48 hours | 24 hours | 30 minutes |
| Maximum overcoat (20°C) | 5 days | 3 days | Indefinite |
| Application film thickness | Brush 2-3mm Render 6mm | 5-10mm | 50mm |
| Coverage rate per mixed bag | Brush– 5.26m ² at 3mm Render– 2.5m ² at 6mm | 1.33m ² at 10mm | 0.85m ² at 50mm |
| Compressive Strength Tested to BS4551 | 13 MPa 1 day 45 MPa 28 days | 14 MPa 1 hour 20 MPa 2 hours 30 MPa 4 hours 40 MPa 1 day 50 MPa 7 days 60 MPa 28 days | 4 MPa 1 hour 5 MPa 2 hours 8 MPa 4 hours 11 MPa 1 day 19.5 MPa 7 days 26 MPa 28 days |
| Flexural Strength Tested to BS4551 | 10.5MPa 28 days | 10.5MPa 28 days | 10.5MPa 28 days |
| Negative hydrostatic pressure resistance | 10 bar | 10 bar | 10 bar |