



## TECHNICAL DATA (Typical Values)

Complies with the following standards:

### PRODUCT IDENTITY

Type:	Powder
Color:	white
Bulk Density (kg/m <sup>3</sup> ):	1300
Dry Solid Content (%):	100
EMICODE:	EC1 Plus - very low emission

### APPLICATION DATA (at +23°C - 50% R.H.)

Mixing Ratio:	100 parts Marbowwhite with 29-31 parts water by weight
Consistency of the mix:	pasty
Density of mix (kg/m <sup>3</sup> ):	1,500
pH of mix:	13
Pot life:	over 8 hours
Application temperature range:	from +5°C to +40°C
Open time(acc. EN 1346):	>30 minutes
Adjustability time:	approx. 60 minutes
Ready for grouting on walls:	After 4-8 hours
Ready for grouting on floors:	After 24 hours
Set to light foot traffic:	24 hours
Ready for use:	14 days

### FINAL PERFORMANCES

Bonding strength according to EN 1348 (N/mm <sup>2</sup> ):	ISO13007 code limit (N/mm <sup>2</sup> )	Marbowwhite White
– initial bonding after 28 days:	Minimum 1	1.6
– bonding after heat exposure:	Minimum 1	1.4
– bonding after immersion in water	Minimum 1	1.2
– bonding after freeze/thaw cycles	Minimum 1	1.4
Resistance to alkali:	excellent	
Resistance to oils:	excellent (poor to vegetable oils)	
Resistance to solvents:	excellent	
Temperature when in use:	from –30°C to +90°C	

Test Conducted	Requirement as per	IS 15477: 2019	Average Test Results
Tensile adhesion (N/mm²): -Dry Condition -Wet Condition	TYPE 3T		Tests Exceeded
	Min 1.5 Min 1.0		
Shear Adhesion (N/mm²): -Dry Condition -Wet Condition -Heat Ageing condition			



Open Time (minutes)	Not Specified	25
Adjustability (minutes)	Not Specified	55
Slip (mm)	Shall not be more than 0.5 mm	0.18