

Instant concrete is a pre-mixed, fast-setting cementitious product designed for quick and easy application. Ideal for repairs, small-scale construction, and installations, it requires only the addition of water and is ready to use within minutes. With rapid setting times, it achieves high early strength, allowing for immediate load-bearing capabilities. It is suitable for a variety of applications, including anchoring, patching, and surface repairs, providing a durable, long-lasting finish in minimal time.

Product Identification	High Strength Grout
Weight	50Kg powder with Coarse Aggregate
Consistency	fine powder and coarse aggregate up to 2cm
Colour	Grey (powder) and black (coarse aggregate)
Dry Solid Content	98%

## APPLICATION DATA

Mixing ratio (with Water)	12%, that is 6 L per set
Thickness per coat	up to 150 mm
Slump	11-12
Density of mix (gram/L)	2300
Coverage Area	45 bags per m <sup>3</sup>
Min. application temperature	28°C to 35°C
Setting Time:	
initial	210 minutes
Final	240 minutes
Set to light foot traffic	24 hours (room temperature)
Waiting time before curing	24 hours after application
Curing Period	3 days to 7 days (Damp)

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.



## FINAL PERFORMANCE

Performance characteristic	Test Method	Performance of product
<b>Compressive strength (Mpa)</b>		
after 28 days	EN 13892-2	51
<b>Flexural strength (Mpa)</b>		
after 28 days	EN 13892-2	11
<b>Adhesion to concrete</b>		
after 28 days	EN 13892-8	1.1
<b>Abrasion resistance</b>		
Mohs Hardness Scale	28 days	6-7 (Untrowelled)

## RECOMENDATION

- Do not add water to a mix which has already to set
- Do not add lime, cement, aditional coarse aggregate or gypsum to the mix
- Do not apply VX Instant Concrete 500 direct to sun heat without prior to wetting substrate
- Make sure to prepare existing floor to be clean of oil, dust, dirt, or any loose material that may move during setting
- Mixing has to be strictly conducted with high speed mixer to avoid lumping uneven mixture

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