

ACESCREED **- Concentrated**



High performance Screeding Powder



ACECREED - Concentrated is a cementitious screeding material prepared by using high performance chemical ingredients, premium cement and supplementary binders. It is heavy load bearing, self-curing screed designed for use with required proportion of water and aggregates at site. It is also designed for mix with a small proportion of ACEMIX TBL for flexibility and improved performance.

ADVANTAGES:

- Self-curing. No need of water curing.
- Tiles can directly be bed-in immediately
- Easy mix with water or latex
- Easy spreadability, high workability, water resistant
- Easy to apply and level, Fast acting and cost efficient
- Very high mechanical strength, shock and impact resistance
- Can be mixed with locally available sand

APPLICATIONS:

Interior and exterior application for domestic, residential, commercial and industrial floors.

SUITABLE SUBSTRATES:

Old or new concrete floors, cement beds, etc whose compressive strength is greater than 25 MPa.

AVAILABLE PACK SIZE:

Available in 30 kg bags in grey colour

SHELF LIFE:

12 months if stored in cool and dry area in unopened bag. Shelf life is calculated from the month of manufacturing of the product.

STORAGE AND HANDLING:

Store in cool and dry area in unopened original bag.

SURFACE PREPARATION:

Surfaces must be structurally strong. Remove all grease, oil, dirt, curing compounds, sealers or any other contaminant that would prevent good bonding. Glossy, lime washed or painted surfaces must be sanded, or abraded, and stripped off all contaminants. Concrete floor must be free of efflorescence and not subject to hydrostatic pressure. Concrete floors should have a course finish to enhance the bond. Roughen the surface by sanding or abrading, then rinse and allow to dry. Use recommended ACEMIX bonding agent for proper bonding between the floor and screed. Expansion joints should never be bridged with setting material. Surface temperature should be maintained above 10° C or below 38° C to achieve proper bonding. For questions about proper installation, call Technical Services executives on +91 963 260 5577.

MIXING PROCEDURE:

Mix 1 bag of ACESCREED with 4 to 12 bags of sand (weight to weight basis) based on the strength requirement and purpose of application. Use approximately 10-12 litre or required amount of liquid (either water or mixture of water and Acemix TBL latex admix) for 30 kg powder. Add liquid to the pre-blended powder slowly under mixing. Mix by hand or use a medium speed drill mixer (250 – 500 rpm speed) to achieve a smooth, paste-like consistency.

PRODUCT TECHNICAL DATA SHEET

It can also be mixed by creating a well in the middle of the mixed product, gradually add pre-measured water mixing the product by shovel or trowel until a dry but moist workable mix is achieved. Stir occasionally, but do not add more water. Transfer the mixed product into a clean container and carry and pour into recess.

MIIXING RATIO AND COVERAGE REFERENCE TABLE

Thickness	ACESCREED	Aggregates	ACEMIX TBL	Water (Approx)	Coverage (Approx)
12 mm	30 kg	180 kg	2.0 l	7.0 l	84sft
25 mm	30 kg	180 kg	2.0 l	7.25 l	45sft
35 mm	30 kg	180 kg	2.0 l	7.5l	27sft
50 mm	30 kg	180 kg	2.0 l	8.0l	20sft

Coverage will vary depending on site condition, surface undulation and application variances.

CURING AND PROTECTION OF JOB SITE:

Curing time is affected by ambient, surface temperatures and humidity.

CAUTION:

- Store in cool and dry place.
- High humidity or moisture will affect the product.
- Once bag is opened, then finish it off without keeping for long time.
- This product contains Portland cement and free silica. Avoid eye contact or prolonged contact with skin.
- Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician.
- Do not breathe dust; wear PPE whenever necessary

TECHNICAL DATA:

Mixing ratio	Refer table
Pot life	Approx 1.5hrs
Time to normal foot traffic	18-24 hrs
Time to heavy foot traffic	After 72 hrs
Compressive strength	>25 MPa
Flexural strength	>5MPa
Tensile strength	>2MPa

Values may change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual performance may vary at site depending on site condition and method of installation used. Company is not liable if failed to reproduce mentioned result in the site.

EASY MAINTENANCE:

Properly installed product requires no special maintenance.

WARRANTY:

Acrete Adhesions India Private Limited warrants to the original purchaser that its product shall be free from defects in material for a period of one year from the manufacturing of the product. Our sole liability under this warranty shall be limited to the replacement of our purchased product if proved defective under normal handling as stated in the TDS. This warranty will not extend to any other product or items which were handled along with our product. This warranty or any other legal issues or claims are subject to Mangalore jurisdiction only.

CUSTOMER SERVICE:

For any query related to product availability, cost, coverage, applicators, installation instructions, problems and trouble shooting, contact customer service executive on our 24 X 7 customer help line +91 963 260 5577 or write email to customer@acebond.in

For product or other information, please write us to info@acebond.in

Visit us at www.acebond.in

DECLARATION:

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information provided since conditions of use, method of application and surface preparation at site are beyond our control. All legal issues are subject to Mangalore jurisdiction only.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.