

UltraTech
BASEKRETE
Multi Purpose Mortar



Series: BSK0009
Month: December 2017
Supersedes all earlier TDS

BASEKRETE

ULTRATECH

BASEKRETE

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TECHNICAL DATA
AS PER RELEVANT IS AND ASTM STANDARDS

Bulk density	1550-1650 Kg/m ³
Water powder ratio	17-19%
Pot life	1 hour
Subsequent usage time	48 hours
Compressive strength @ 28 Days without extra addition of fine aggregates	20-25 N/mm ²
Compressive strength @ 28 days with addition of M-Sand/River Sand at 1:1 proportion by weight	13-15 N/mm ²
Coverage @ 12 mm per Kg	0.40 Sq.ft.
Thickness range of application	15-25 mm
Curing time	2 Days @ 3 times a day

Note

Allow a minimum of 48 hours for the subsequent usage over the UltraTech **BASEKRETE** applied areas. Do not apply if temperatures are likely to drop to below 5°C or exceed 50°C. Curing to be extended from normal 2-3 days as per the actual temperature in site conditions.

The technical data provided in this technical data sheet is as per our internal lab testing and may vary as per the actual method of application at sites.

Consult UltraTech Building Products Division Technical Services Cell for any further technical assistance.

Packaging

40 Kg

Shelf Life

UltraTech **BASEKRETE** has a shelf life of 12 months from the date of manufacture. Store at cool and dry place.

Safety Directions

UltraTech **BASEKRETE** is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately. In case of prolonged irritation, medical advice should be sought. UltraTech **BASEKRETE** is non-flammable.

Other Product Categories available with UltraTech Building Products Division

- Tile Adhesives
- Micro Concrete
- Industrial/Precision Grout and Anchors
- Water Proofing and Injection Grouting Material
- Plasters and Jointing Mortar
- Floor Screeds
- Autoclaved Aerated Lightweight Concrete Blocks

DISCLAIMER

Information provided on this data sheet is the guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no implied guaranty/warranty for the results and the company is not liable for any consequential damages.

Description

UltraTech **BASEKRETE** is a polymer modified cement based high performance pre-mixed high strength mortar specially formulated for multipurpose applications.

Specification

Technical Parameters complies with IS 2250.

Features & Benefits

- Consistent Quality due to superior raw materials used
- Excellent adhesion and compressive strength
- Optimum pot life
- Faster applications up to 25 mm thickness
- Ready to use after 48 hours dependent on thickness, ambient temperatures and humidity
- Ready to use mortar just by adding water
- Well graded good quality sand and fillers which enhances the durability
- Reduced wastages

Areas of Application

Suitable for application in brick/block laying, for thicker plasters for external and internal areas which demand high strength. UltraTech **BASEKRETE** can also be used as a polymer modified repair mortar for old surface repairs. Ideal for plastering inside swimming pools, water tanks, foundation areas and basements.

UltraTech **BASEKRETE** can also be used as an underlayment plaster for tile adhesives to provide the required strength of plaster underneath the Tile adhesive to hold the special/large size tiles over vertical surfaces.

METHOD OF APPLICATION

Surface Preparation

- Prior to application of UltraTech **BASEKRETE**, surface should be clean, free of oil, grease and paint. Defects deeper than 25 mm should first be patched
- It is advisable to have adequate roughness on the concrete surface to have the required adhesion



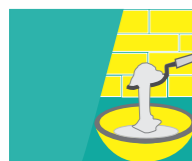
Mixing

- Mix UltraTech **BASEKRETE** with 17-19% by weight of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps
- Addition of M-Sand, River Sand is also recommended by 1:1 proportion by weight to UltraTech **BASEKRETE** for higher volume applications



Application

- Use spatula/trowel for the UltraTech **BASEKRETE** applications and the final level can be attained with aluminum floats/levelers
- UltraTech **BASEKRETE** can be applied for thickness up to 25 mm. For thickness above 25 mm, multiple layer application can be adopted



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