

CLAYMIX®

A COMPLETE CLAY IMPROVER

TECHNICAL DATA SHEET

CLAYMIX is a Complete Clay Modifier of Advance Technology integral admixture well formulated to give high strength performance. CLAYMIX is used as liquid binder for clay in refractories and ceramic industry. Product is designed to give best performance and results. Complies with IS 9103.

ADVANTAGES

- Clay swells very fast (breaking the nodes). & Mixes uniformly, becomes very soft.
- Improves plasticity & workability enabling smooth laying with classic finish.
- Green materials dry up fast even in winter season & become strong on drying, reducing breakages to negligible.
- On burning, the materials burn uniformly, developing strong ceramic bonds, reducing the breakages & rejection to negligible.
- Due to decrease in the percentage of shrinkage and uniformity in drying process problems of cracks, deformity in shapes and handling breakage are overcome.
- Firing problems will be solved and firing process will be under easy control because by use of "CLAYMIX"- vitrification temperature range is extended and melting point is pushed back. So the firing achievements will be:
 - a. Improved fired strength
 - b. Reduced water absorption.
 - c. Least handling losses.
 - d. No Pin holes, uniformity in glaze and bright, shining colors.

AREA OF APPLICATION

- Ordinary Clay Bricks Industries.
- Clay, Pottery, Ceramic Industries.
- Terra Cota Earthen Wares.
- Roof Tiles and other calcined clay materials.

TECHNICAL PARAMETERS

Visual Appearance	Free flowing Liquid.
Color	Violet
Relative Density at 25°C	1.40 – 1.42
pH(as such)	14 ± 2
Chloride Content Max.	0.2%
All above test completed at	25°C.



APPLICATION GUIDELINES

For refractories and Ceramic Clay preparation : Dissolve 500ml of Safeburn in 200Litre of Potable water as liquid binder.

For ordinary clay preparation, mix 250ml – 500ml of CLAYMIX in 200Litre of plain water.

MIXING

CLAYMIX is supplied in a ready to use form. For better homogeneous mixing shake well before use & add this in water.

Note: Use as per instruction given above.

PACKAGING

CLAYMIX is available in Pack size of 20Litre & 50Litre. Packaging size may vary subject to local regulations and customer requirements.

STORAGE & SHELF LIFE

CLAYMIX should be stored at room temperature (min 10°C and max 40°C). Kept in dry and away from sunlight. Shelf life is 5 years if stored as specified. Protect from wet and rainfall areas.

HEALTH & SAFETY

CLAYMIX should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from your local sales representative.



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