

Construction ka Naya Friend

1 bag cement, 3 bag doctorsand



Washed using
European
Technology



Eco-friendly
Sand



Conforming to
IS Standards



The superior and eco-friendly alternative to River Sand

Our Sand has been made using the patented European washing technology, which ensures consistently graded sand free from impurities and is the number 1 choice for any construction, repair, maintenance or plastering work.



LATEST TECHNOLOGY

Manufactured by washing VSI Rock fines using patented European technology ensures cubical shape of the sand grains and consistent gradation.



BETTER WORKABILITY

The increased workability in concrete results in significantly lower requirement of admixtures used for improving workability.



SAATVIK SAND

Unlike natural sand, this does not contain any organic particles like residues of plants or animals (rotting leaves, pieces of bone, etc.).



LESSER CEMENT

Concrete produced using our multipurpose sand requires upto 18% lesser cement to achieve the same compressive strength in the same setting time.



Multi-purpose Sand

Conforms to IS:383 (Zone III)

Available in 40kg



Plaster Sand

Conforms to IS:1542:1992

Available in 25kg

Advantages of Doctor Sand Bags vs River Sand

Doctor Sand bags include the high quality M-Sand manufactured under controlled conditions using latest European Technology. It is gone under rigorous quality checks at the crusher site before being packed into the bags. This process makes it more effective compared to the natural river sand against the following problems in plastering.



Crazing: Excess of ultra-fines in sand causes formation of a series of hair cracks in haphazard pattern on the finished plaster surface. Our sand is manufactured using latest European Technology to remove ultra-fines thereby reducing the chances of crazing on the finished surface.



Efflorescence: Presence of soluble salts in river sand can lead to its deposition on the surface of the plaster or background. Our sand is washed using pure water (PH level tested) thereby reducing efflorescence on the plaster surface.



Grinning: Usage of dry sand in disproportionate ratio can lead to breaks in continuity of the surface characteristic of the background. Using our properly washed sand helps in minimising the grinning on the surface of the plaster.



Cracking: Presence of ultra fines in the river sand can lead to cracking of the plaster surface. Our sand, being manufactured using advanced European technology does not consists of ultra fines hence reducing the formation of cracking on the plastered surface.

Comparative Analysis of River Sand vs Doctor Sand Bags

Parameters	River Sand	Doctor Sand Bags
Recoil or Rebound	River sand is slightly heavier than washed sand leading to higher super structure weight. Has a recoil of 50% and hence higher wastage.	Weight of the sand is lighter and recoil of 20% ensures lesser wastage of sand.
Consistency in quality	Proper gradation isn't possible therefore the quality fluctuates leading to inconsistent quality finish.	Available with proper gradation and consistent quality thereby ensuring consistent quality finish.
Presence of organic impurities	Procured from river bed as a result it contains objectionable proportion of mud, clay, silt, shells, decayed organic particles thereby impacting the strength and finish of the work.	It is produced from crushed rock fines after thorough washing therefore it is a clean sand of desired grade which imparts better finish and higher strength.
Texture	The smooth texture helps in production of concrete but the over smoothness results in reduction of the concrete bond strength	Comparatively less smoother than river sand but has stronger interlocking strength thereby providing strong concrete bond.

Applications



Plastering of outer walls or as an ingredient in render mix.



Plastering of inner walls & ceilings.



For repair & maintenance masonry works.



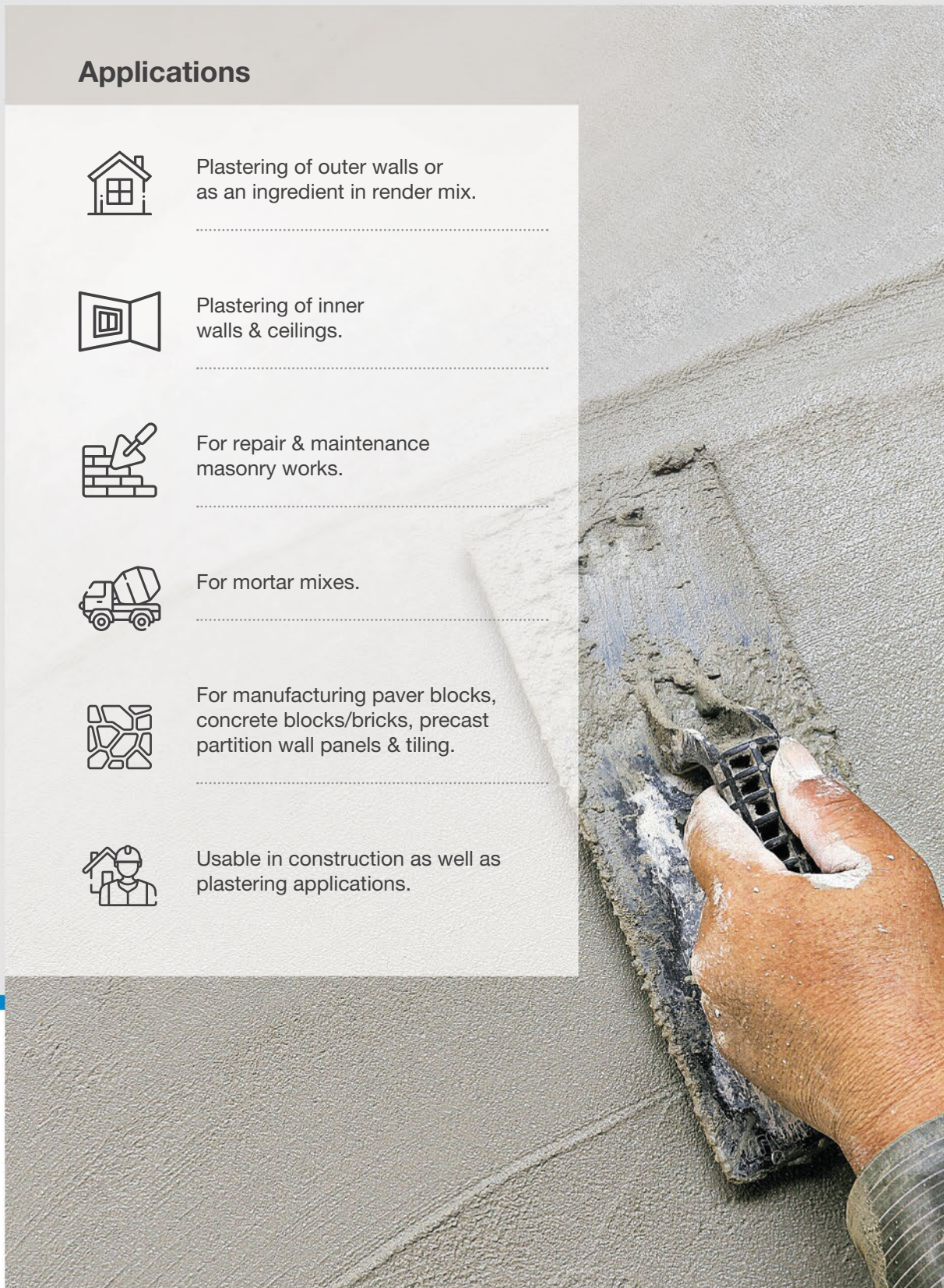
For mortar mixes.



For manufacturing paver blocks, concrete blocks/bricks, precast partition wall panels & tiling.



Usable in construction as well as plastering applications.



doctorsand

For orders contact

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