



INNOVATION & STRENGTH

— BOND —

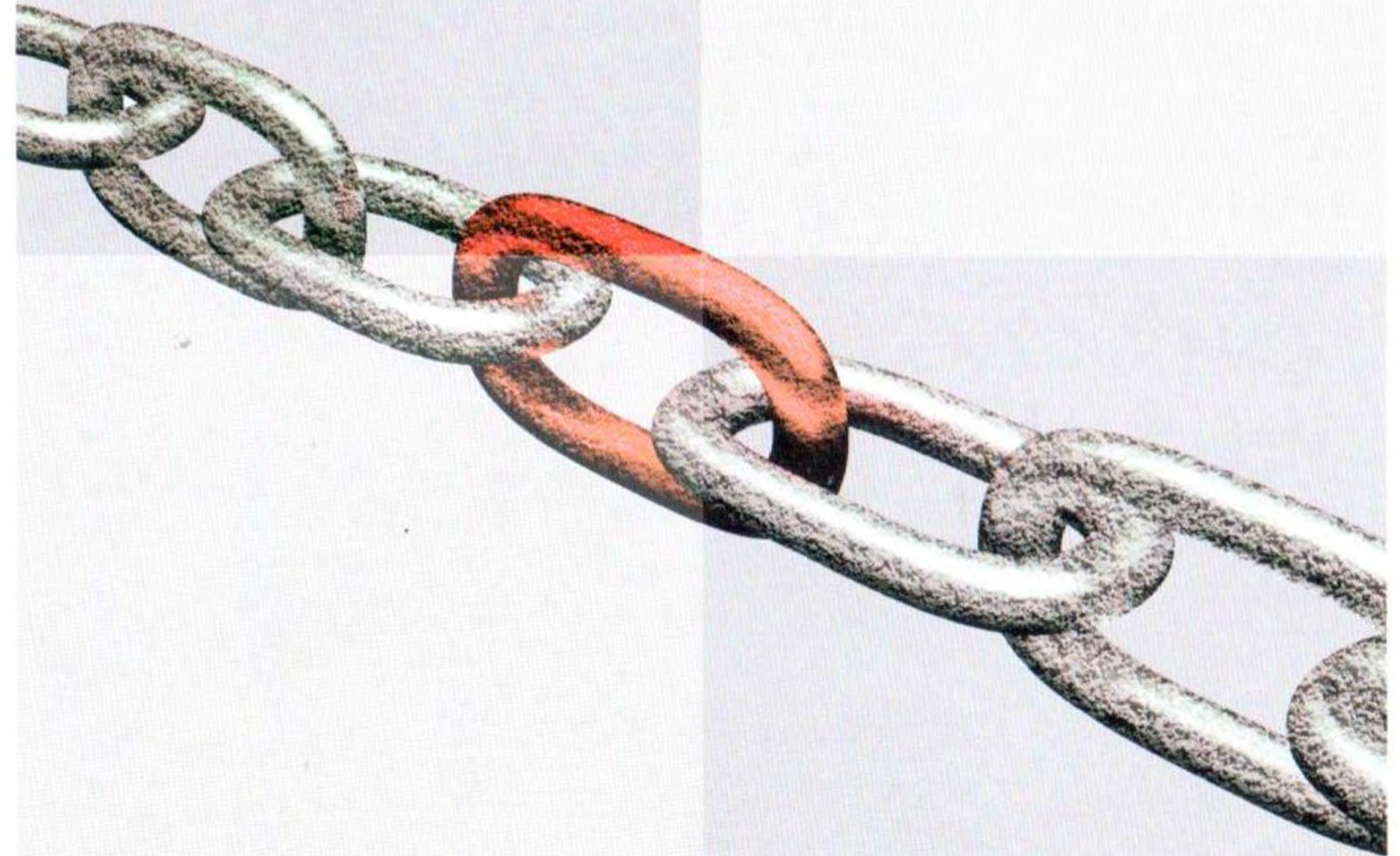
Thin Bed Dry Mortar is high strength, pre-mixed, quality assured polymer based Mortar as per ASTM-C-1660-P10. It is specially formulated so it does not require post curing and can be easily applied, giving a better bonding with higher air entraining properties. "Nova Bond- Thin Bed Dry Mortar" is a masonry mortar for use in laying various types of Flyash / Concrete bricks / blocks and AAC (Autoclave Areated Concrete) Blocks. It replaces conventional jointing mortar of 12-18mm thickness with highly versatile 3-5mm thickness mortar.



TM

Recons Group

**“Delivering Excellence.
Strengthening Bonds”**



THE ADVANTAGES OF NOVO BOND:

- » High Bonding Strength.
- » Easy and Workability that ensures quick work.
- » Very Thin Bed bond reduces the shrinkage cracks.
- » Premixed and Ready to use.
- » A Self Curing Property makes it free from water curing after application.
- » Fine Molecular structure reduces water seepage.
- » No Raking of surfaces requires before application.
- » Manufactured from Eco-friendly material make product green.
- » Most Important it is more economical than traditional mortar.
- » There is enormous saving of labor, Time, Energy, Material handling on site & Supervision.

TECHNICAL SPECIFICATIONS:

- » Shelflife - Minimum 6 months (Air tight/dry conditions are reqd at jobsite)
- » Mortar setting time -2hrs 30 min as per IS 4031 (P-4R5)
- » Bulk density - 1500+- 70 Kg/M³
- » Split Tensile strength(28 days) -0.045 Mpa (minimum 0.34 Mpa)

METHOD OF APPLICATION :

- » Masonry units must be watered before application to remove loose particles for better bonding of '**Nova Bond**'.
- » The Surface must be clean, leveled and structurally sound.
- » Mix uniformly '**Nova Bond**' Powder with potable water in the ratio of 30 to 35 % water & 65 to 70 % '**Nova Bond**' in a clean vessel.
- » Apply thin uniform layer of '**Nova Bond**' up to 2-3 mm thick on the clean & leveled surface of masonry units using proper trowel.
- » Place the next course or unit of masonry units on the evenly laid jointing mortar bed in proper line & level.
- » Each masonry unit should be properly laid & set in the position by gently pressing with the help of trowel.
- » After placing the first unit, apply '**Nova Bond**' of the same thickness on the both side of unit with maintaining continuous check for the above line & level.
- » Clean the excess material immediately, if any.

PACKAGING:

- » '**Nova Bond**' is available in 25/40 kgs. PP Laminated Bags