

CORE HARDENER 2000™ BINDER

Core Hardener 2000 binder is a water-based colloidal silica binder used to strengthen the ceramic shell in small holes, slots, and hard-to-reach openings. It helps prevent metal penetration by strengthening the shell; which is usually thin in these areas.

Core Hardener 2000 binder is easy-to-use and can also be utilized to strengthen R&R's ferrous (50/50 Core Mix and C-1 Core Mix) and non-ferrous (910 investment) core materials.

Application Recommendations

1. Apply primary coat of slurry and stucco. Dry in usual manner.
2. Apply Core Hardener 2000 binder by dipping, syringe or spraying. Allow to dry completely.
3. Apply Core Hardener 2000 binder instead of usual pre-wet and drain well.
4. Apply second coat of slurry and stucco. Dry in usual manner.
5. Repeat step 2.
6. Repeat step 3.
7. Continue with the third and subsequent coats and dry in usual manner without further use of Core Hardener 2000 binder.

Storage & Handling

Protect from freezing. Core Hardener 2000 binder must be maintained above 35 °F (2 °C) to prevent the material from precipitating irreversibly and making the product unsuitable for use. Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Binder stored in transparent or translucent containers should be sheltered from direct sunlight. Shelf life is 1 year from date (MMDDYY) in batch lot number on label. Rotate stock to maximize shelf life.

Safety

Before handling this material, review the corresponding Safety Data Sheet (SDS).

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user. All potential liability related to the sale and use of this product is limited to the cost of the particular goods sold in their respective transactions.



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