

DO'S

1. DO remove sealers, curing agents and contamination from substrates by mechanical scarification, sand blasting or with proper chemical cleaners.
 2. DO wash dusty, dry surfaces to ease application and provide better adhesion.
 3. DO use the correct gradation sand based on application thickness:
 - ≤ ¼ inch (0-6 mm) thick: fine sand U.S. Sieves 40-100 (0.0-0.5 mm);
 - ¼ -½ inch (6-12 mm) thick: medium sand U.S. Sieves 20-50 (0.0-2.5 mm);
 - ½ -2 inch (12-50 mm) thick: coarse sand U.S. Sieves 6-20 (0.1-4.7mm).*
- * 1-2 inch (25-50 mm) thick topping, patching or concrete repair mortars require 3/8 inch (10 mm) coarse aggregate (typical mix: 1:1:2 PC:coarse sand:aggregate) due to wetter consistency.
4. DO mix screeds and thick bed mortars to a semi-dry consistency and apply them over a wet slurry bond coat. Compact beds fully after placement.
 5. DO mix all renders and wall plasters to a stiff wet plastic consistency.
 6. DO cover thin floor toppings that are exposed to rapid drying conditions (sun, wind, etc.) with plastic or builder's felt. Keep them covered for a minimum of 24 hours.

DON'TS

1. DON'T apply mortar over a dry or dusty surface.
2. DON'T apply mortar over curing agents, sealers, paint or oil.
3. DON'T use acid, which is ineffective, to remove curing agents or sealers.
4. DON'T use slurry bond coats when applying plaster, stucco or render.
5. DON'T apply >12 mm (1/2 inch) of mortar, at one time, to prevent slumping on vertical surfaces.
6. DON'T allow slurry bond coats to dry before applying semi-dry consistency mortar.
7. DON'T use fine sand for floor screeds that are more than 12 mm (1/2 inch) thick.
8. DON'T make extremely soft or wet mortar mixes for floor applications.
9. DON'T leave thin floor toppings exposed to rapid drying conditions (sun, wind, etc.).

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