

To improve bonding and durability of cement-based materials.



CONSUMER PRODUCTS

ACRYL® 60 LIQUID ADMIXTURE

Acryl® 60 significantly improves adhesion, cohesion, tensile, compressive, and flexural strengths of cement-based materials. Will not re-emulsify when exposed to water. Excellent chemical and UV resistance. Improves freeze/thaw stability of Portland cement-based materials. Acryl® 60 can be used straight or be diluted with water. Coverage will vary depending on application and use.

Surface Preparation

Surface must be clean and sound. Remove all loose and disintegrated material. Remove any and all traces of oil, grease, dirt, dust, efflorescence, biological, mold or mildew, release and curing agents. Vacuum, sweep or blow out the areas to be patched with clean, oil free air.

Mixing

The normal ratio of Acryl® 60 to clean potable water is 1 part Acryl® 60 to 3 parts water (1:3). Where increased physical and chemical resistance requirements are more stringent, increase the Acryl® 60 content in the mixing liquid to a 1:2 or 1:1 Acryl® 60 to water ratio. Always mechanically mix. Do not overmix or mix at a high speed.

Application

Sand/Cement Mortar

Thoroughly mix all cement and sand first. The sand must be clean, free of clay, and dry. Make up mixing liquid from a 1:3 or 1:2 Acryl® 60 water ratio depending upon requirements. Slowly add the mixing liquid to the cement sand mixture, and mix for a short time (1-2 minutes) to avoid entrapping air. After preparing, cleaning, and predampening the surface, brush apply a bond coat (not diluted) of Acryl® 60 modified cement sand. Mix vigorously into the surface to displace any air pockets. Place the mix into the bond coated repair area while the bond coat is still wet or tacky. Maximum time for placement should not exceed 20 minutes. Higher air and surface temperatures will decrease working/placement time. Place the mix and avoid overtroweling. The trowel should be cleaned frequently, kept wet, and used with minimal pressure. When drying is rapid, due to high temperature or breeze, cover surface with wet burlap. For normal use, allow a 24-hour curing period. For heavy wheeled traffic, allow a 4-day curing period.



Limitations

- Do not use with air entrained cement.
- Do not use Acryl® 60 where air circulation is limited.
- Do not use Acryl® 60 modified mixes when the ambient air or surface temperature is below 40°F (4°C) or expected to fall below there within 48 hours.
- Make certain the most current version of the data guide is being used; call 1 (216) 839-7171 to verify.

Protect From Freezing

Prolonged freezing may damage contents. Frozen material should be placed immediately in a warm spot to thaw, but direct heat should not be applied. If Acryl® 60 can be stirred after thawing, bonding qualities have not been impaired.



Thoro Consumer Products • BASF Construction Chemicals, LLC • 23700 Chagrin Blvd. • Cleveland, Ohio 44122
phone 216-839-7171 or 866-518-7171 • fx 216-839-8833 or 866-494-8833 • ThoroProducts.com