

SUPER-HYDRA

Admixture for Thinset, Grout & Masonry Mortars

PRODUCT INFORMATION

Spectrum Super-Hydra works with any product containing Portland cement, such as mortars, stuccos and tile grouts. When you add Super-Hydra to your mix, hydration (*the chemical reaction that occurs between the Portland cement and water*) can increase by up to 40%. This, in turn, greatly improves the hardness, impermeability and waterproofing characteristics of these mortars. Super-Hydra can be used in interior and exterior applications in both residential and commercial installations. It is ideal for any installation where high temperatures are present and areas that will be continually wet such as fountains, swimming pools, showers, etc. In addition to being an admixture, Super-Hydra can be used as a surface treatment to harden "soft" (uncured) stuccos and grout/mortar joints.

BASIC USE:

- Significantly increases strength.
- Creates a harder and denser product.
- Sets up quicker to resist frost, weather and thermal shock.
- Improves bonding capabilities.
- Creates proper hydration; initial discoloration, color fading, and powdering (softness) cannot develop.

LIMITATIONS:

- Super-Hydra either in a pure or diluted solution should not be in direct contact with any metals! When used as a treatment for grout joints, all metal should be protected with Vaseline® prior to treatment. Remove Vaseline® with dry cloth after treatment is complete.
- Do not re-temper the properly mixed product.
- Do not use a "high speed" drill mixer, this will entrap air which will weaken the mortar.
- Keep from freezing.

PACKAGING:

- 1 gallon jug (4 per case)
- 5 gallon pail (36 per pallet)

MIXING DIRECTIONS

AS AN ADMIXTURE:

- Rubber gloves and proper eye wear are recommended.
- Shake well before using.
- *Grout and thin-set mortars*; premix 10 parts water with 1 part Super-Hydra then add to mortar. (For faster set times, premix 5 parts water to 1 part Super-Hydra.)
- *Masonry and stucco mortars*; premix 15 parts water with 1 part Super-Hydra then add to mortar.

AS A TREATMENT:

- Rubber gloves and proper eye wear are recommended.
- Shake well before using.
- To ensure desired results, a small test area is advised. Installations older than 6 months may not "rehydrate".

- All existing areas that need to be treated must be clean, dry and able to absorb the Super-Hydra.
- *Grout mortars*; mix 2 parts water with 1 part Super-Hydra and apply to surface by saturating joints until puddling occurs. Remove puddling with sponge and allow to dry for 24 hours. **Note:** see warning on "metals".
- *Masonry and stucco mortars*; mix 2 parts water with 1 part Super-Hydra and apply as needed to fully saturate all desired areas. Do not allow puddling to occur and allow to dry for 24 hours. **Note:** see warning on "metals".

CLEAN UP:

- Clean applicator/mixing tools with water after use.
- When used as a surface treatment, clean up any misapplied mixture with water by cloth or sponge.
- The Super-Hydra treatment may leave an "oily" looking film on ceramic tile. This can be mopped clean after 24 hours with any neutral-based soap and water.
- Dispose of empty containers according to state and local regulations.
- Unused portion of Super-Hydra should be capped and stored in a cool dry place.

CAUTION

KEEP OUT OF REACH OF CHILDREN

KEEP FROM FREEZING

IF INGESTED: Seek medical attention.

EYE & SKIN CONTACT: Flush thoroughly with water. If irritation occurs, seek medical attention.

Note: Consult the Material Safety Data Sheet (MSDS) for medical and safe handling instructions.

WARRANTY

Manufacturer's liability for damages hereunder shall not exceed the purchase price of all the goods used. Manufacturer warrants only that the goods will be free from defects in material. The forgoing warranty is in lieu of all other warranties, expressed or implied, including those of merchantability of fitness for any purpose not expressly set forth herein. No liability is assumed by manufacturer except as expressly stated herein. In no event shall manufacturer be responsible for incidental or consequential damages arising out of or in connection with the use of this product by user, buyer's user, or any other person.



Peoria, AZ