

Description: Hydra is a fine artisan plaster system composed essentially of hydrated and hydraulic lime all factory-pre-mixed. Impermeable to water, Hydra is formulated after the traditional Moroccan plaster “Tadelakt” which is typically used in showers, tubs, sinks, and all other areas exposed to water. Emulating the look and feel of marble, Hydra is highly appreciated as a design alternative to tiles.

Advantages:

- Interior & exterior
- Water impermeable
- Healthy (VOC free)
- Mildew & mold resistant
- Non-combustible
- Impact & abrasion resistant
- Can be applied horizontally

Packaging:

Hydra Base: Available in 44lb. (20kg) pails.
Hydra: Available in 22 lb. (10kg) pails.

Storage: Approximately 12 months when stored under cool, dry conditions in the original package.

Coverage: The average coverage per pail is 2-3 kg/ m² per mm of thickness. On average a pail of Hydra Base will yield 90 ft² and a pail a Hydra Finish will yield 45 ft².

Technical Feature: Hydra is a natural mineral material recommended from a green building point of view as it clearly shows good absorption and diffusion qualities. Compatible with mineral surfaces, Hydra naturally fossilizes with the substrate, creating a long-lasting and protective mineral crust.

Colors: Integral mineral pigments colors are available to meet most color requirements.

Application: An absorbing substrate is typically primed with a water-based PVA. Apply Hydra Base 24 hours prior to finish. Scratch the surface horizontally to optimize the key. When ready to finish, the base must be clean, free of dust, frost, grease, oil, and other substance that could weaken effecting bonding. Water spray and let moisture evaporate. Apply a scratch coat of Hydra just enough to cover the base. Let the moisture leave the surface, gently clean-up trowel strokes. Fresh in fresh (a fresco) apply the second trowel coat to 1/8” total thickness without “closing” the surface. Let surface moisture evaporate and finally close the surface. When dry to touch, the surface may be polished with either a stainless steel trowel (5° angle), a plastic trowel, or a pebble.

Mixing Hydra Base:

1. Dry-mix Hydra Base at slow speed for 1-2 minutes.
2. Add 1 to 1.25 gallons of clean water while the mixer operates and mix thoroughly.
3. Allow to settle for 15 minutes.
4. Break the set briefly before applying.

Mixing Hydra:

1. Dry-mix Hydra, then add 1.25 to 1.50 gallons of clean water while the mixer operates and mix thoroughly.
2. Allow to settle for 15 minutes.
3. Break the set and adjust the water ratio to maximum 1 gallon if needed.
4. Only mix enough material that can be applied within one hour.

Cautions:

- ▶ Hydra will provide ideal working conditions when adequate tools are used and mixing directions are carefully respected.
- ▶ Do not apply the material if the temperature is below 45 °F (5 °C) or higher than 86 °F (30 °C).
- ▶ Excessive trowel work during the initial set will cause blistering and eventually hairline cracks.
- ▶ Ensure a consistent mixing time and equal ratio of water throughout the execution of the project.



The present product specification does not release the user from validating the product suitability on the substrate. The products of Mediterranean Colors are warranted to perform according to the manufacturer’s instructions. This warranty may not exceed the cost of the product. Under no circumstances, Mediterranean Colors, LLC shall be responsible for consequential damages. The foregoing warranties are in lieu of all other warranties expressed or implied, including the warranties related to fitness for a particular purpose.