

Product Overview

API-WP40 is a low VOC water repellent designed for use on both wood and masonry substrates. API-WP40 dries to a clear finish leaving the appearance of the treated surface unchanged. It is recommended that API-WP40 be diluted and applied by itself, but it may also be blended with polyurethane, acrylic, wax, or silicone emulsions. API-WP40 imparts pronounced and long lasting water beading.

Physical Properties

| | |
|---------------------------|--------------|
| APPEARANCE: | White Liquid |
| SOLID CONTENT: | 29% |
| SPECIFIC GRAVITY (@25 C) | 1 |
| PH: | 10 |
| CARRIER SOLVENT: | Water |
| VOLATILE ORGANIC CONTENT: | 45 g/L |

Applications

- Protects wood, brick, cement block and stucco against water and moisture.
- Non-yellowing, assures color stability.
- Can be formulated with other surface coating resins.
- Allows the substrate to "breathe"

Packaging

Available in 8 oz. samples and 441 lb. drums.

Application Methods

The pH of prepared dilutions of API-WP40 should not drop below 8.0. If the pH of the dilution falls below 8.0, instability may occur. Add API-WP40 as the last component to the formulation making sure that the pH of the system to which API-WP40 is added is greater than 8.0.

API-WP40 and formulations containing API-WP40 are sensitive to shear. High speed mixing, or high pressure flow through a small nozzle or filter, could cause a precipitate to form producing instability.

| Clear Sealer for Wood Suggested Formulation | |
|---|------------|
| Ingredient | Weight (%) |
| Softened Water ¹ | 82.8 |
| Biocide ² | As needed |
| API-WP40 | 17.2 |

The above formulation may be applied via brush or roll methods. Two coatings are recommended for optimal performance.

For best results allow 24-48 hours for drying/curing.

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