



PAMS 701 White

Water-Emulsion, AMS Resin Curing Compound

DESCRIPTION

PAMS 701 White is a water-emulsion, VOC compliant, white pigmented, poly-alpha-methylstyrene resin, concrete curing compound. **PAMS 701 White** has been formulated to form a membrane film on the surface of the concrete optimizing water retention for maximum concrete hydration and compressive strength development. The white pigment increases reflectance, cooling the freshly poured concrete. Reflectance reduces surface temperature, thus minimizing vapor pressure and moisture loss.

USES

PAMS 701 White is ideal for curing concrete that will be exposed to the sun:

- Bridge decks
- Piers
- Highways
- Pavement slabs
- Airport runways
- Parking decks
- Sidewalks
- Ramps
- Curbs and gutters

BENEFITS

- Water-Based: Low odor
- VOC Compliant: Meets stringent requirements
- Clean-up with water
- Approved by many state DOT's
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength over untreated concrete
- Will not permanently discolor colored concrete
- Consistent: Strict Quality Control testing and standards

STANDARDS

PAMS 701 White meets and exceeds the requirements of Wyoming DOT 701, ASTM C309 Type 2, Class A and B and AASHTO M148 as tested in accordance with ASTM C156 and AASHTO T155.

SURFACE PREPARATION

PAMS 701 White should be applied to freshly placed concrete as soon as the bleed (surface) water has dissipated. On formed and vertical surfaces, **PAMS 701 White** should be applied to concrete immediately upon removal of the formwork.

COVERAGE

Approximately 200 ft²/gal. Coverage may vary depending on porosity of surface.

MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

PHYSICAL PROPERTIES

Complies with VOC contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

VOC	<200 g/L
Color	Milky White
Flash Point	Non-Flammable
Dry Time	1.5 hrs @ 70°F (21°C)

PLACING

Apply with a low pressure sprayer, brush or roller at a rate of 200 ft²/gal. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Do not use a sprayer that has been used with solvent based products.

STORAGE

Protect from freezing. Store material in an interior, cool, dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with warm, soapy water. After material has dried, it may be necessary to use solvents such as mineral spirits, toluene or xylene.

LIMITATIONS

In addition to the limitations already mentioned, please note the following. If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the curing compound. **PAMS 701 White** must be exposed to heat, traffic or sunlight to fully dissipate. When applied indoors, chemical means may be necessary for removal. Do not apply when the temperature of concrete is below 40°F (4°C). Do not mix with any other products. Do not pour unused material back into original container.

Packaging: 5 gal (18.9 L) pail, 55 gal (208.2 L) drum, 275 gal (1041 L) tote



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DANGER

May be harmful if swallowed. May be harmful if inhaled. May cause skin irritation. May cause eye damage. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated place. Keep away from children. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

FIRST AID

If swallowed: Immediately call a poison center/doctor. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

MANUFACTURER/TECHNICAL SERVICE

Contact your US SPEC manufacturer's representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets and safety data sheets (SDS), available online at www.usspec.com.

US MIX

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Web Site: www.usspec.com

LIMITED WARRANTY: The manufacturer warrants that this product is free from defects in material and workmanship, and will perform per the manufacturer product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applies only if the product is used, in strict accord with the manufacturer published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at the manufacturer's option. **CONSEQUENTIAL, SPECIAL, AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.** All claims under this warranty must be submitted to the manufacturer by calling 303-778-7227. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.