



AMS 3754 Clear

Water-Emulsion, AMS Resin Curing Compound

DESCRIPTION

AMS 3754 Clear is a water-emulsion, VOC compliant, poly-alpha-methylstyrene resin, concrete curing compound. **AMS 3754 Clear** has been formulated to form a membrane film on the surface of the concrete that optimizes water retention for maximum concrete hydration and compressive strength. **AMS 3754 Clear** will appear milky white in the container and dries to a clear film designed to dissipate and wear away when exposed to heat, traffic and ultra-violet radiation. **AMS 3754 Clear** is available with a red fugitive dye upon request.

USES

AMS 3754 Clear is ideal for curing horizontal and vertical concrete surfaces such as walls, floors, bridge piers, structures, wing walls, barriers, abutments, retaining walls, sidewalks, curbs and gutters.

BENEFITS

- Water-Based: Low odor
- VOC Compliant: Meets stringent requirements
- Clean-up with water
- Approved by many state DOTs
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength over untreated concrete
- Consistent: Strict Quality Control testing and standards

STANDARDS

AMS 3754 Clear meets and exceeds the requirements of Minnesota DOT 3754, ASTM C-309 Type I, Class B and AASHTO M-148 as tested in accordance with ASTM C-156 and AASHTO T-155.

SURFACE PREPARATION

AMS 3754 Clear should be applied to freshly placed concrete as soon as the surface water has dissipated. On exterior, vertical surfaces, **AMS 3754 Clear** should be applied to concrete immediately upon removal of the formwork.

COVERAGE

Approximately 200 ft²/gal (4.9 m²/L). 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.

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 interchange use of sprayer that has been used to spray a solvent based product.

PHYSICAL PROPERTIES

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

V.O.C.	159* g/L
COLOR	Milky White
VISCOSITY	148 CPS
FLASH POINT	Non-Flammable
DRY-TIME	1.5 hrs @ 70°F (21°C)
SHELF LIFE	1 Year

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. **AMS 3754 Clear** 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 (207.9 L) drum



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REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

HMIS

Health 1, Fire 0, Reactivity 0

VOC Content

159 g/L

CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

TECHNICAL SERVICE

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NOTICE OF LIMITED WARRANTY US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales, people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

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