

W-33

INTEGRAL WATER REPELLENT ADMIXTURE

PRODUCT DESCRIPTION: Specco W-33 is an integral water repellent liquid admixture used in concrete blocks, pavers, roof tiles, and related precast, as well as mortar and stucco mixes. W-33 provides added water repellency, and aids cement hydration to provide increased compressive strengths and improved freeze thaw resistance. W-33 is formulated to reduce cracking, crazing, efflorescence, surface bleeding, and to help provide uniform color to pigmented mixes. W-33 is viscosity modified, allowing the active ingredients to remain in the concrete matrix and not separate or float to the surface during mixing.

BENEFITS: REDUCED MOISTURE ABSORPTION...REDUCED EFFLORESCENCE & SURFACE DISCOLORATION
STAINS & DEPOSITS...NON-CORROSIVE...MOLD LIFE EXTENDED BY REDUCED CONCRETE FRICTION...
CORROSION INHIBITOR OF STEEL REINFORCEMENT... IMPROVES PLAIN AND PIGMENTED MIXES...
COMPATIBLE WITH OTHER ADMIXTURES

COMPOSITION: Viscosity modified stearate-based solution. W-33 does not contain any calcium chloride or intentionally added chlorides that would initiate or promote corrosion of reinforcement steel, or contribute to efflorescence.

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per gallon:	8.50 +/- 0.10 lb./ gallon
pH:	9.0 +/- 0.5
Color:	Opaque-white emulsion
Viscosity –Brookfield:	1250 cps +/- 100 cps

TECHNICAL DATA: Specco W-33 is compatible with most mineral and chemical components common to Portland cement, calcium alumina cement and calcium sulfate (gypsum).

DIRECTIONS FOR USE: It is recommended that the W-33 be added directly to the mixing water. Dosage is 1 quart (32 ounces) per bag of Portland Cement (2080 ml per 100 kg). Add 16 oz per 100 lbs. of hydrated lime (1040 ml per 100 kg). Higher dosage rates will improve both bond strength and absorption reduction.

CAUTIONS: W-33 integral water repellent should be tested and evaluated with actual materials and blending processes to gauge overall performance and compatibility with mix components. W-33 will reduce penetration and may affect related inter-coat adhesion of subsequently applied water-based stains, paints, or topcoats. W-33 is water based and will freeze at 32° F. Material may be completely restored by thawing at room temperature and mechanically agitating thoroughly. W-33 should be stirred before using if the material has set for an extended period (3-6 months).

WARNINGS: Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Keep away from food and drink. Do not take internally. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

H.M.I.S. CODES: HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

SHIPPING NAME: Concrete Admixture –Water-based -Not regulated

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55

STORAGE: Ideal storage is between 60° to 80° F. Keep from freezing.

PACKAGING: 1 gallon (3.78 L),5 gallon (18.9 L) pails, 55 gallon (208 L) drums, 265 gallon (1000 L) containers.

SHELF LIFE: 1 year stored properly. Depending on storage conditions, the shelf life may be extended.

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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