



# W-33

## INTEGRAL WATER REPELLENT ADMIXTURE FOR CONCRETE & MASONRY

**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  
Mold life extended by reduced concrete friction
- Corrosion inhibitor of steel reinforcement
- Improves pigmented mixes color uniformity, intensity and long term durability
- 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.

**LEED CREDIT CONSIDERATIONS:** **EQ Credits 4.2:** Low emitting materials (VOC < 25 g/L). **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, IL. 60901. 90% Content- Harvested within 500 miles.

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per gallon:	8.50 +/- 0.10 lb./ gallon
pH:	9.00 +/- 0.50
Color:	Opaque-white emulsion
Viscosity –Brookfield:	1250 cps +/- 100 cps
Chloride Ion Content per AASHTO:T260-Procedure C:	125 ppm

**TECHNICAL DATA:** *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).





GHS HAZARD RATINGS: WARNING:



Irritant: Respiratory Tract Irritation / Skin Irritation



Harmful to Aquatic Life

**FIRST AID: Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053.**

**WARNINGS & SAFETY INFORMATION: W-33 is relatively safe to use. Keep containers closed. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

**H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERS. PROT = C Glasses, Gloves, Protective clothing**

**FREIGHT CLASS:** ITEM 33880, Sub 2, Freight Class 55

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

**STORAGE:** 40° to 90° F. Protect from freezing. If frozen, product should be thawed but is stable and can still be used.

**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.

**WARRANTY:** Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco's installation information or instructions in its product literature or on its packaging labels. **Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through Specco. Specco has no control over Specco application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.** Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind.

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