



EUCLID CHEMICAL

EUCON™ BARACADE WPT

INTEGRAL WATER REPELLENT WEATHERPROOFING ADMIXTURE

DESCRIPTION

EUCON BARACADE WPT is a high-performance liquid water repellent admixture used to improve the durability and surface integrity of concrete exposed to harsh weather conditions. By resisting moisture and chloride ion penetration, concrete produced with EUCON BARACADE WPT reduces the potential for scaling, spalling, and other moisture-related degradation. The visual appeal of decorative concrete can also be improved by using EUCON BARACADE WPT to decrease the potential for secondary efflorescence. Unlike topically applied sealers, EUCON BARACADE WPT produces a chemically bonded and insoluble protection mechanism throughout the concrete mix. When concrete is produced with EUCON BARACADE WPT, capillary pores become resistant to water penetration making it less susceptible to freeze-thaw and deicing salt related damage as long as the concrete is properly air entrained. EUCON BARACADE WPT contains no added chlorides or chemicals known to promote the corrosion of steel.

PRIMARY APPLICATIONS

- Driveways, Sidewalks, and Patios
- Integrally colored decorative concrete
- Architectural precast concrete
- Other exterior concrete exposed to freeze-thaw cycles and deicing salts

FEATURES/BENEFITS

- Reduces the intrusion of water and deicing chemicals into the concrete
- Increases resistance to weathering
- Improves color retention of integrally colored concrete
- Significantly reduces the potential for efflorescence

TECHNICAL INFORMATION

Material properties tested under laboratory conditions @ 25°C, 50% RH

Property	Test Method	Values at 25° C
Component	-	Single
Appearance	-	White Liquid
Specific Gravity	-	~ 0.98
Freezing Point	-	~ 32°F (0°C)

Values presented are typical and not necessarily referenced to create specifications.

PACKAGING

EUCON BARACADE WPT is packaged in 20 L Jerry Can, 200 L Drums and 1000 L Totes.

SHELF LIFE

6 months in original, unopened package

DIRECTIONS FOR USE

EUCON BARACADE WPT is recommended for use at a rate of 65 - 392 mL/100kg of cementitious material. This range is dependent on the application, mix design, and targeted performance. For most applications, 196 mL/100kg of cementitious material is recommended. EUCON BARACADE WPT should be added after all materials are batched and mixed to the specified slump, then mixed for an additional 5 minutes. EUCON BARACADE WPT may affect water demand and air content with materials. These properties and required mix adjustments should be determined through trial mixing. EUCON BARACADE WPT is compatible with most Euclid Chemical admixtures as long as they are added separately to the concrete mix.

Proper curing of the concrete is essential. Any curing compounds used should be applied after finishing.

Minimum compressive strength at 28 days of 4,500 psi (31MPa); maximum water/cement ratio of 0.45 is recommended.

Please contact a StonCor Middle East Sales Professional for any additional questions.

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