

KLERE-TREAT WB

READY TO USE MASONRY WATER REPELLENT

1. PRODUCT NAME

FLOROK KLERE-TREAT WB

2. MANUFACTURER

THE CHARGAR CORPORATION
299 WELTON ST.
HAMDEN,CT 06517
203-562-9948 FAX: 203-562-2053

3. PRODUCT DESCRIPTION

Basic Uses: Florok-Klere-Treat WB is a premium grade water repellent based on silane and siloxane blend. Under the influence of atmospheric humidity, it chemically reacts with and bonds to masonry, forming a highly effective poly-siloxane repellent. It is highly alkaline resistant and designed for use on **brick-concrete block- precast concrete-stucco-limestone fieldstone** and many other natural stones. It provides superior protection against moisture penetration, thereby preventing the deleterious effect of efflorescence. The deep penetrating application retains the natural appearance with no surface buildup or darkening. Masonry remains completely breathable. Klere-Treat WB is also very effective on horizontal surfaces such as parking garages, sidewalks and it will reduce the attack from de-icing salts.

4. ADVANTAGES

Deep penetration into surfaces
Non-film forming
Does not contain silicone, wax, or gum resins
Doesn't breakdown due to alkali .

Resists water penetration for up to 10 years. Highly resistant to acid rain
Water based-low voc
Non-Toxic

PACKAGING

1 Gallon poly bottles
5 Gallon plastic pails
55 Gallon drums

4. TECHNICAL DATA

Active Materials, 7% Std. formula
or 14% Heavy duty formula
Coverage on bricks 100-150 sq. ft
Blocks: 100-150 sq. ft
Concrete: 150-200 sq. ft

5. INSTALLATION

Surface preparation: Repair all defective masonry to a structurally sound surface. Caulk all joints and flash roofing as required. Wash dirty masonry with the 900 cleaner or or AC-3.

Application: Apply by brush or low or low pressure sprayer and soak the surface until a 6" rundown is achieved. If the surface is extremely porous, apply a second application 15 minutes after the first application. On horizontal surfaces apply one heavy application, spread any puddles with a roller .

Cleaning: If overspray occurs on glass or metal, rinse with water.

THE CHARGAR CORPORATION
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PRODUCT NO.

202

KLERE-TREAT TEST DATA

5/2/2003

The following are test results on our Klere-Treat

TEST DATA

ASTM E514 WATER LEAKAGE OF MASONRY

CONCRETE BLOCK WALL

UNTREATED LEAKAGE	12.6 LITERS/HOUR
TREATED LEAKAGE	0.12 L ITERS/HOUR
PERCENT IMPROVEMENT	99%

BRICK WALL

UNTREATED LEAKAGE	2.2 LITERS /HOUR
TREATED LEAKAGE	0.0 LITERS/HOUR
PERCENT IMPROVEMENT	100%

NCHRP# 244 SERIES IV

REDUCTION IN CHLORIDE ION 85%

ASTM C 642 WATER ABSORPTION OF CONCRETE

24 HOURS	0.65%
48 HOURS	0.88%

ASTM C 140 CONCRETE MASONRY UNITS, ABSORPTION,
24 HOUR SUBMERSION TEST, 89% EFFECTIVE IN REDUCING
WATER INTRUSION

ASTM C 67 SAMPLING AND TESTING BRICK AND STRUCTURAL CLAY TILE, PART 7 ABSORPTION

24 HOUR IMMERSION TEST, 91% EFFECTIVE IN REDUCING MOISTURE
INTRUSION

ASTM D1653 MOISTURE VAPOR PERMEABILITY OF ORGANIC COATINGS
70 GRAMS/FT/24 HOURS 95% PERMEABILITY

ASTM C 672 DEICER SCALING OF CONCRETE

CONTROL AFTER 60 CYCLES 5
KLERE-TREAT AFTER 60 CYCLES 0+

KLERE-TREAT IS A MILKY WHITE SOLUTION

TOTAL SOLIDS : TEST DATA WAS PERFORMED ON THE 14% SOLUTION
ACTIVE SOLIDS CONTENT ASTM D 2369 PLUS OR MINUS 1%
AVERAGE DEPTH OF PENETRATION UP TO ½'

VOC CONTENT < 300 g/l per liter

SPECIFIC GRAVITY AT 78F 0.9759

NO FLASH POINT

DENSITY 8.5 LBS. P/G

CONTENTS: MODIFIED ALKYLALKOXY SILANE