

Enviro-Shield 40WB

A penetrating Silane/Siloxane blend

- Deep penetration into surfaces
- Non-film forming
- Does not soil glass surfaces
- Does not break down due to alkali
- Resists water up to ten years
- Low VOC

Coverage rates:

- Common brick: 100-150 ft² per gallon
- Concrete block: 100-150 ft² per gallon
- Concrete decks: 150-200 ft² per gallon
- Natural stone: 100-250 ft² per gallon
- Stucco: 150-200 ft² per gallon

1. Product Name:
Florok's Enviro-Shield 40WB

2. Manufacturer:
The Chargar Corporation
299 Welton St.
Hamden, CT 06517
203-562-9948
(F)203-562-2053
www.chargar.com

3. Product Description:

Florok's Enviro-Shield 40 is a premium grade masonry water repellent based on a 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 water penetration thereby preventing the deleterious effect of efflorescence. The deep penetrating application retains the natural appearance with no surface build up or darkening. Masonry remains completely breathable. Enviro-Shield is also very effective on horizontal surfaces such as parking garages, sidewalks and decks and it reduce the attack from de-icing salts.

4. Advantages:

- Penetrates deeply into surfaces
- Non-film forming
- Does no soil/stain glass surfaces
- Does not contain silicone, wax or gum resins
- Does not break down due to alkali
- Resists water up to 10 years
- Resistant to acid rain
- Low VOC



5. Packaging:

- 1 gallon jugs (packed 4 to a case)
- 5 gallon pails
- 55 gallon drums

6. Technical data

- Active ingredients 20% 5 year
- 40% 10 year

7. Surface preparation:

Repair all defective masonry to a structurally sound surface. Caulk all expansion and control joints. Flash roofing as required. Wash dirty masonry with 900HD Cleaner.

8. Application:

Apply by brush or low pressure sprayer and completely soak the surface until a 6" rundown is achieved. If the surface is extremely porous, apply a second coat right away, wet on wet.

On horizontal surfaces apply one heavy coat, being sure to apply evenly and remove any puddles by brushing or rolling out the excess material.

9. Coverage:

- Common brick: 100-150 ft² per gallon
- Concrete block: 100-150 ft² per gallon
- Concrete decks: 150-200 ft² per gallon
- Natural stone: 100-250 ft² per gallon
- Stucco: 150-200 ft² per gallon

To determine the actual rate of absorption and appearance, a test sample

10. Test results:

Enviro-Shield has been tested and passes the following ASTM and federal specifications:

NCHRP#244 Series IV

See test data report for full testing information.

