



BRS-25

High Gloss, Solvent Based Sealer (25% Solids)

DESCRIPTION

BRS-25 is a non-yellowing, solvent based, methyl methacrylate sealer for exposed aggregate and precast concrete. **BRS-25** has been formulated with scientifically selected polymers for moisture repellency and high resistance to abrasion. This product will seal, dustproof and enhance the beauty of new and old concrete, masonry and related surfaces. A unique property of **BRS-25** allows the substrate to breathe while protecting it from rain and airborne contaminants. Despite being a solvent based product, **BRS-25** meets VOC regulations with regards to concrete curing and sealing compounds.

USES

BRS-25 is ideal for sealing horizontal and vertical surfaces such as:

- Exposed aggregate
- Precast concrete
- Mortar, stone and rock face
- Decorative concrete
- Tilt-up
- Adobe

BENEFITS

- Solvent-Based: Non-freezable
- Ultra-Violet Stable: Non-yellowing
- VOC Compliant: Meets VOC requirements
- Appearance: High gloss
- Excellent breathability
- Makes surfaces self-cleaning with rainfall
- Resists mildew and surface staining
- Inhibits efflorescence
- Inhibits attack by airborne contaminants
- Consistent: Strict Quality Control testing and standards

STANDARDS

BRS-25 meets and exceeds the requirements of ASTM C-1315 Type I, Class A. Meets OSHA and the American Disabilities ACT (flat surfaces) recommended coefficient of friction values as tested under ASTM D-2047 utilizing the James Machine.

SURFACE PREPARATION

All surfaces in contact with **BRS-25** shall be free of dirt, oil, grease, laitance and other contaminants that may act as bond-breakers. All unsound concrete should be removed. Surface must be structurally sound and free of all contaminants. **US SPEC Maxi-Concrete Cleaner** should be used as a degreaser and to remove rubber tire marks. Thoroughly rinse and allow surface to dry prior to application. Allow exposed aggregate and colored concrete to cure a minimum of 7 days.

PHYSICAL PROPERTIES

Complies with V.O.C. contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

Color	Water Clear
Solids Content	25%
Viscosity	Ford Cup #4: 20 Seconds
Flash Point	> 80°F (27°C)
Dry Time	1 hr at 70°F (21°C)
Freeze/Thaw Stable	Non-Freezable
Shelf Life	1 Year

COVERAGE

Actual rates may vary depending on type and porosity of the surface and application methods. Recommended coverage per gallon is as follows.

Exposed Aggregate:	200-400 ft ² /gal (4.9-9.8 m ² /L)
Concrete:	200-400 ft ² /gal (4.9-9.8 m ² /L)
Brick:	200-400 ft ² /gal (4.9-9.8 m ² /L)
Plaster, Stone, Tile:	200-400 ft ² /gal (4.9-9.8 m ² /L)
Second Coat:	400-600 ft ² /gal (9.8-14.8 m ² /L)

MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

PLACING

Apply with a low pressure sprayer, brush or roller at required rate. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Spray one light coat to the point of rejection, avoiding puddling. If additional gloss or protection is desired, 2 light coats are preferable to one heavy coat. Allow first coat to dry prior to application of second to avoid trapping solvents.

STORAGE

Store material in an interior, cool dry place above 45°F (7°C). Material will not freeze in storage, but should be allowed to rise to 50°F (10°C) or more before use. Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with solvents such as mineral spirits, toluene or xylene.

Packaging: 1 gal (3.8 L) pail, 5 gal (18.9 L) pail, 55 gal (207.9 L) drum



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LIMITATIONS

In addition to the limitations already mentioned, please note the following. If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the curing compound before application. Although compatible with many carpet, tile and floor covering adhesives, a test area is recommended. If sealers are applied too soon to colored concrete, they may turn milky under some circumstances. Sealers are most reliable when applied to colored concrete that has been cured a minimum of 7 days. Do not apply when the temperature of the concrete is below 40°F (4°C). Do not mix with any other products. Do not pour unused material back into original container.

REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

HMIS

Health 1, Fire 2, Reactivity 1

VOC Content

650 g/L

CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

TECHNICAL SERVICE

Contact your US SPEC manufacturer's representative for the most current product information.

US MIX Co.

112 South Santa Fe Drive

Denver, CO 80223

Tel: 303.778.7227 Fax: 303.722.8426

Web Site: www.usspec.com

NOTICE OF LIMITED WARRANTY US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales, people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price. See product packaging for complete limitation of warranties and liability.