

Cement-Plex® 875

Cementitious Acrylic Waterborne Block Filler

Part A: B42W00200 Off White, Part B: B42V00201 Hardener-Cement



**SHERWIN
WILLIAMS®**

CHARACTERISTICS

CEMENT-PLEX 875 is a heavy duty, interior-exterior, two component, cementitious, acrylic, waterborne block filler, which accepts both conventional and high performance topcoats. When topcoated, this product provides an excellent coating system for moderate service environments such as manufacturing facilities, schools, and beverage plants,

Features:

- Acrylic formulation
- Accepts high performance topcoats
- Suitable for USDA inspected facilities

For use on properly prepared:

- Concrete and masonry wall surfaces
- Poured or precast concrete
- Concrete masonry block

Recommended for:

Chemical plants & laboratories, Hospitals and Schools, Prisons, Dairies, food and beverage plants, Water-Waste water facilities.

Finish: Flat

Color: Off White

Recommended Spreading Rate per coat:

Wet mils: 16.0-30.0
Dry mils: 10.8-20.4
Coverage: 53-100 sq. ft. per gallon

Theoretical Coverage: 1090 sq. ft. per gallon @ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 20.0 mils wet, @ 50% RH:

Drying, and recoat times are temperature, humidity, and film thickness dependent.

| | @55°F | @77°F | @100°F |
|----------------------|-----------------------------------|---------|------------|
| To touch | 3 hrs. | 2 hrs. | 30 minutes |
| To handle | 8 hrs. | 6 hrs. | 4 hrs. |
| To recoat | 24 hrs. | 18 hrs. | 6 hrs. |
| To cure | 7 days | 5 days | 3 days |
| Pot Life | 18 hrs. | 8 hrs. | 6 hrs. |
| Sweat-In-Time | None | None | None |
| Mix Ratio: | 2 parts premeasured, 5 gallon mix | | |

Tinting: DO NOT TINT

Off White B42W00200-B42V00201

V.O.C. (less exempt solvents): As mixed, reduced
64 grams per litre; 0.53 lbs. per gallon

As per 40 CFR 59.406

Volume Solids: 68 ± 2%
Weight Solids: 81 ± 2%
Weight per Gallon: 14.03 lb
Flash Point: N/A
Vehicle Type: Acrylic
Shelf Life: Part A: 12 months
Part B: 36 months

COMPLIANCE

As of 02/05/2021, Complies with:

| | |
|--------------------------------------|-------------|
| OTC | Yes |
| OTC Phase II | Yes |
| S.C.A.Q.M.D. | Yes |
| CARB | Yes |
| CARB SCM 2007 | Yes |
| CARB SCM 2020 | Yes |
| Canada | Yes |
| LEED® v4 & v4.1 Emissions | No |
| LEED® v4 & v4.1 V.O.C. | Yes |
| EPD-NSF® Certified | No |
| MIR-Product Lens Certified | No |
| MPI® | N.A. |

APPLICATION

Temperature:
minimum 50°F (10°C)
maximum 100°F (49°C)
air, surface, and material

At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

Reducer: Water
Airless Spray:
Pressure Heavy Duty Texture Pump
Hose 3/8 inch I.D.
Tip .025-.027 inch
Filter 60 mesh
Reduction As needed up to 6% by volume
Brush Nylon-polyester
Roller Cover 3/8-1/2 inch woven with solvent resistant core

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

For better filling results, apply by airless spray and immediately back roll. Rolling will provide a textured finish. Squeegee will provide a smoother finish. Slowly mix contents of Part A to a uniform consistency with power agitation without creating air bubbles or foam. Make certain no pigment remains on the bottom of the can. In small increments, slowly sift contents of Part B into Part A container, under agitation, until all the contents are added. The use of a power mixer is recommended. Continue agitation until mixture is smooth and free of lumps.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Do not apply over moisture, wet surfaces, or below 50°F (10°C). Do not use below grade as a hydrostatic waterproofer or in immersion service. Not recommended for previously painted surfaces.

Depending on condition of substrate and desired appearance, more than one coat may be required.

Do not mix previously catalyzed material with new. Do not apply the material beyond recommended pot life. No reduction of material is recommended, as it can affect film build, appearance, and adhesion

SPECIFICATIONS

Concrete and Masonry:

1-2 coats Cement-Plex 875
(as required to fill voids and provide a continuous substrate)
1-2 coats Acceptable Topcoat

Concrete Masonry Block (CMU):

1-2 coats Cement-Plex 875
(as required to fill voids and provide a continuous substrate)
1-2 coats Acceptable Topcoat

Acceptable Topcoats:

Acrolon 218 Polyurethane
Corothane II Polyurethane
Hi-Solids Polyurethane
Industrial Enamel HS
Macropoxy HS Epoxy
Pro Industrial Acrylic
Pro Industrial DTM Acrylic
Pro Industrial Multi-Surface Acrylic
Pro Industrial Pre-Cat Epoxy
Pro Industrial Urethane Alkyd Enamel
Pro Industrial Water Based Alkyd Urethane
Pro Industrial Water Based Catalyzed Epoxy
Tile-Clad HS Epoxy
Water Based Catalyzed Epoxy

The systems listed above are representative of the product's use, other systems may be appropriate.

Cement-Plex 875

Cementitious Acrylic Waterborne Block Filler

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse.

Do not use hydrocarbon solvents for cleaning.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Concrete and Masonry- Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners.

Poured Concrete New- For surface preparation, refer to SSPC-SP13-NACE 6 or ICRI No. 310.2R, CSP 1-3. Surface must be clean, dry, sound, and offer sufficient profile to achieve adequate adhesion. Minimum substrate cure is 28 days at 75°F (24°C). Remove all form release agents, curing compounds, salts, efflorescence, laitance, and other foreign matter by sandblasting, shotblasting, mechanical scarification, or suitable chemical means. Refer to ASTM D4260. Rinse thoroughly to achieve a final pH between 6.0 and 10.0. Allow to dry thoroughly prior to coating.

Old- For surface preparation, refer to SSPC-SP13-NACE 6 or ICRI No. 310.2R, CSP 1-3. Surface preparation is done in much the same manner as new concrete; however, if the concrete is contaminated with oils, grease, chemicals, etc., they must be removed by cleaning with a strong detergent. Refer to ASTM D4258. Form release agents, hardeners, etc. must be removed by sandblasting, shotblasting, mechanical scarification, or suitable chemical means. Recognize that any surface preparation short of total removal of contaminants, may compromise the service length of the system.

SURFACE PREPARATION

Mildew- Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label. Refer to the Safety Data Sheets (SDS) before use.

FOR PROFESSIONAL USE ONLY.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 02/05/2021 B42W200/B42V201 18 64