



TWO PART SPRAY MIX

MANUFACTURER

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DESCRIPTION

CEMTEC 2 PART SPRAY MIX is a thin, decorative system for concrete floors, walls, decks, etc.

SURFACE PREPARATION

All surfaces shall be clean and free of dirt, dust, paint, sealers, form release, curing agents, grease, oil or any thing that would inhibit mixed material from coming into contact with the open pores of the substrate. Any anti-adherent must be removed mechanically. Pressure washing, sand blasting, water blasting, grinding & shot blasting are a few good methods for removal. On existing surfaces not burdened with these anti-adherents, pressure washing coupled with acid etching should be considered; especially on smooth, steel troweled or formed concrete. Saturate the substrate with water and allow to absorb. Blow or broom off any puddled water before application. This will give you a saturated, surface dry (SSD) substrate.

MIXING & APPLICATION

Base coat or skim coat: Begin with a dilution of 1 gallon clean potable water and 1 gallon of UNIVERSAL POLYMER CONCENTRATE. Mix together thoroughly. Place approx. 5 quarts of this mixture in a clean 5 gallon mixing pail. Blend in 1 color pigment pack if applicable. Slowly add 50 lb. of SPRAY MIX powder. Mix for approx 1 minute to a smooth, lump-free consistency. Apply to SSD surface with a trowel or squeegee.

Texture Spray Coat: Mix a dilution of 2 gallons clean water to 1 gallon of UNIVERSAL POLYMER CONCENTRATE. Place approx 4 1/2 quarts of this mixture in a clean 5 gallon mixing pail. Blend in 1 color pack if applicable. Slowly add 50 lb of SPRAY MIX powder and mix for approx 1 minute to a smooth, lump free consistency. Pour material into a hopper gun and begin application. Use a trowel to knock down peaks in material before it hardens.

SEALING

Allow material to harden for approx 24 hours. Then apply a double coating of CEM/TEC ACRYLIC SEALER. Do Not allow vehicular traffic for at least 4 days.

PRECAUTIONS

Do not allow UNIVERSAL POLYMER CONCENTRATE to freeze. Apply between 40 F and 100 F. Allow 4-7 days of curing time before allowing vehicular traffic. Keep placed material from freezing for 48 hours.

Adding more water than recommended when diluting will negate any guarantees and will be extremely detrimental to the performance of the finished product.

WARNING

Contains Portland cement; avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with water for 15 minutes, Consult a physician immediately. Keep out of reach of children. Contains free silica - DO NOT breathe dust. May cause delayed lung injury. Follow OSHA safety and health standards for crystalline silica (quartz). See material safety data sheet for detailed information.

PACKAGING

UNIVERSAL POLYMER CONCENTRATE
5gal, 55 gal
SPRAY MIX POWDER:
50 lb. bag natural gray & natural white.
PIGMENT PACKS
1 lb. bag 25 colors
ACRYLIC SEALER
5 gal, 55 gal

COVERAGE

50 lb. SPRAY MIX will cover approx.:
Base Coat approx. 200 sq. ft.
Spray Coat approx. 150 sq. ft.

TECHNICAL DATA

ASTM C -109

Compressive Strength

1 day 1500 PSI
7 days 3250 PSI
28 days 5890 PSI

ASTM C 190

Tensile Strength

1 day 280 PSI
7 day 560 PSI
28 day 890 PSI

ASTM C 78

Flexural Strength

7 day 800 PSI
28 day 1850 PSI