

PRODUCTNAME

Tuff-Stone® CB

(Clear Base)
Natural Aggregate Wall Coating



MANUFACTURER

Gemite® Products Inc.

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FEATURES

- Water proof and weather proof
- Breathable
- No chipping, peeling or flaking
- High abrasion resistance
- High durability and UV resistance
- Unaffected by salts and acid rain
- Non-flammable
- High scratch and abrasion resistance
- Great design versatility

PRODUCTDESCRIPTION

Basic Use

Decorative and protective water based coating for exterior and interior applications. Tuff-Stone CB finishes are suitable for concrete, concrete block, cement, cement board, plaster and EIFS.

Composition and Materials

Tuff-Stone CB is a one component, natural aggregate in a clear acrylic binder. The binder forms a clear, highly flexible material, allowing the colored aggregate to provide a seamless natural finish.

Limitations

For clean and sound vertical and overhead concrete surfaces only. Do not use Tuff-Stone CB over moving joints or cracks. Do not apply Tuff-Stone CB when the temperature is expected to be below 4°C (40°F) within 24 hours or when rain is imminent. The proper surface preparation is essential for successful bond.

Health and Safety

Tuff-Stone CB is non-toxic and non-flammable. Avoid contact with eyes and prolonged contact with skin. If contact occurs, wash with water. Seek medical advice if irritation occurs. Harmful if digested. Keep product out of reach of children. FOR INDUSTRIAL USE ONLY. Consult MSDS for additional information.

Colors

The colors of Tuff-Stone CB are controlled by the color of the aggregates. Contact Gemite Products Inc. for samples of available finishes.

Packaging

Tuff-Stone CB is supplied in 20 L (5.3 USG) pails.

Coverage

Tuff-Stone CB covers approximately 10 - 14 m² (110 - 150 ft²) per pail.

Primer #300 covers approximately 6.0 to 8.0 m²/L (244 - 326 ft²/USG).

The coverage's are only given as guide lines and depend greatly on the roughness and porosity of the substrate, thickness of the application and application method used. The applicator must carry out a sample application to determine the actual coverage for the given substrate and application thickness.

Storage and Transportation

The shelf-life of unopened pails of Tuff-Stone CB, stored on pallets in a dry area, is 12 months. Must not freeze. Packaged 36 pails per pallet.

TECHNICAL DATA

Applicability and Appearance (CGSB 1-1GP-162M)	dry film is free of cracks pin holes and other defects
Freeze/Thaw Stability (CGSB 1-GP162M)	not affected; passed
Water Absorption (CGSB requirement, not to exceed 15%)	7.8% by weight; passed
Water vapor Transmission (ASTM E96)	15.2 imperial perms (870 ng/Pa.s.m ²)

INSTALLATION

Current Guide Specification and Application Instructions contain additional information specific to each application and must be followed. Contact Gemite's Technical Service for information specific to your project.

Surface Preparation

The surface to be coated must be clean. Remove all dirt, efflorescence, loose particles, cement scaling and other foreign matter which can interfere with the adhesion of the coating. Use power brush, water blasting or sand blasting as required. Any cracks must be pre-filled in with a flexible caulking. Tuff-Stone CB must be applied only to a crack free substrate.

Primer

Primer #300 is always used with Tuff-Stone CB. Primer #2000 is used as an undercoat when applying Tuff-Stone CB over galvanized metal.

Gemite Products Inc.
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7 & 9

07100 Waterproofer
CG925 Aggregate Coatings

Application

Prime the surface with *Primer #300*. Steel trowel apply *Tuff-Stone CB* and use a plastic float to compact, level and finish it. Keep a wet edge, and stop at natural breaks to avoid visible cold joints.

Curing

Air dry cure. Full strength and resistance develops in approximately 7 days depending on temperature and relative humidity.

Clean Up

Wash with water immediately after use. Cured material must be removed mechanically.

AVAILABILITY AND COST

Tuff-Stone CB is available world wide. Contact Gemite for the name of the nearest Representative/Distributor and pricing information.

MAINTENANCE

None required.

WARRANTY

A limited twelve (12) month Material Replacement Warranty is available. For complete details contact Gemite's Head Office.

TECHNICALSERVICE

For advice on the suitability of *Tuff-Stone CB* for a specific application, specification assistance and application instructions contact Gemite Technical Service: USA 888-443-6483 or Canada 905-672-2020.

ShortSpecification

The exposed aggregate finish will be *Tuff-Stone CB* natural aggregate-acrylic finish manufactured by Gemite Products Inc. [USA 888-443-6483] [Canada 905-672-2020].

It will be applied according to manufacturer's current specifications and recommendations. Contact Gemite for specification assistance and application instructions. The *Tuff-Stone CB* will meet all the Technical Data specified in the current Product Data Sheets.