



Penn Crete® Scratch and Brown

Description

Penn Crete Scratch and Brown is a precision blend of Portland cement, hydrated finishing lime, reinforcement fibers and special chemical admixtures for control workability, set time and shrinkage. Designed to be mixed with clean plaster sand at the jobsite, the mixed material applied 13 mm (1/2 ") thick, provides both the scratch and brown coats in one step.

Advantages

- Saves time
- Saves labor
- Saves money
- More uniform suction than conventional mixes
- Greater impact resistance than synthetic systems

Where to Use Penn Crete Scratch and Brown

- New housing construction
- Rehabilitation of existing structures
- To replace the old method of scratch and brown coats being applied at two different times and days apart

Packaging

36 kg (80 lb.) bag concentrate

Coverage

1 bag concentrate and 91 kg (200 lbs.) of plaster sand yields approximately 6.5 m² (70 sq. ft.) at 13 mm (1/2") thick.

Shelf Life

One year in unopened bag. Should be stored dry.

Cleanup

Tools and mixing equipment may be cleaned with water.

Application

1. Remove all mud, tar or other foreign matter. Install flashings, casing beads and control joints. Control joints should be a minimum of 6.1 m (20 ft) apart on masonry substrates (concrete, stone, unglazed tile or brick); 11 m² (120 sq. ft.) maximum area on metal lath, within joints (stud wall construction or painted surfaces).
2. For structurally sound substrates, apply a bonding agent to the surface before installation of base coat mortar. Otherwise install metal lath per manufacturer's recommendations.
3. Thoroughly dampen wall before installing base coat mortar.
4. To increase bond use a minimum of two coats of a bonding agent as a surface preparation.
5. Add one 36 kg (80 lb.) bag of Penn Crete Scratch and Brown Concentrate to a maximum of 90.7 kg (200 lbs.) clean plaster sand (approximately 12 shovelful). No more than 13.25 L (3 1/2 gallons) of water are required with the above mix.

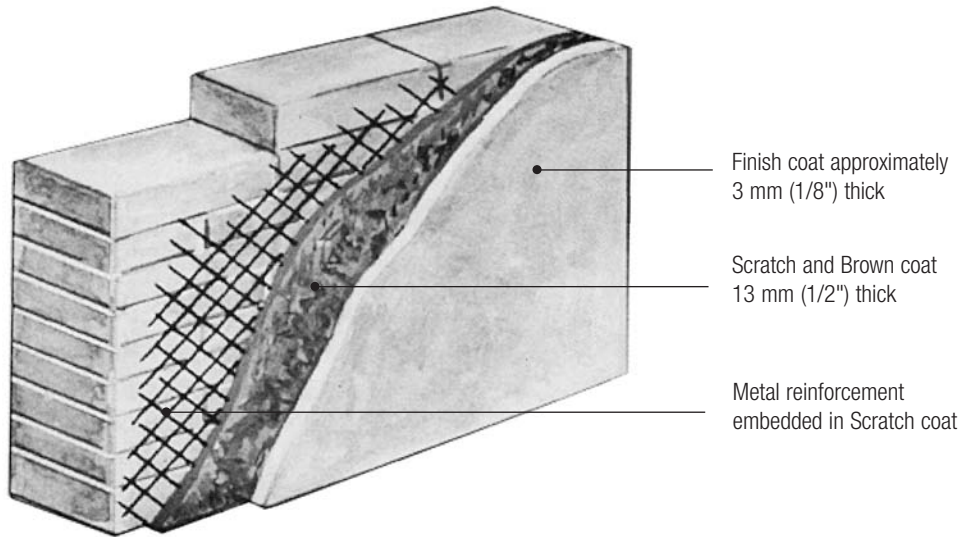
Mixing

FOR THE BEST MIXING AND BLENDING RESULT:

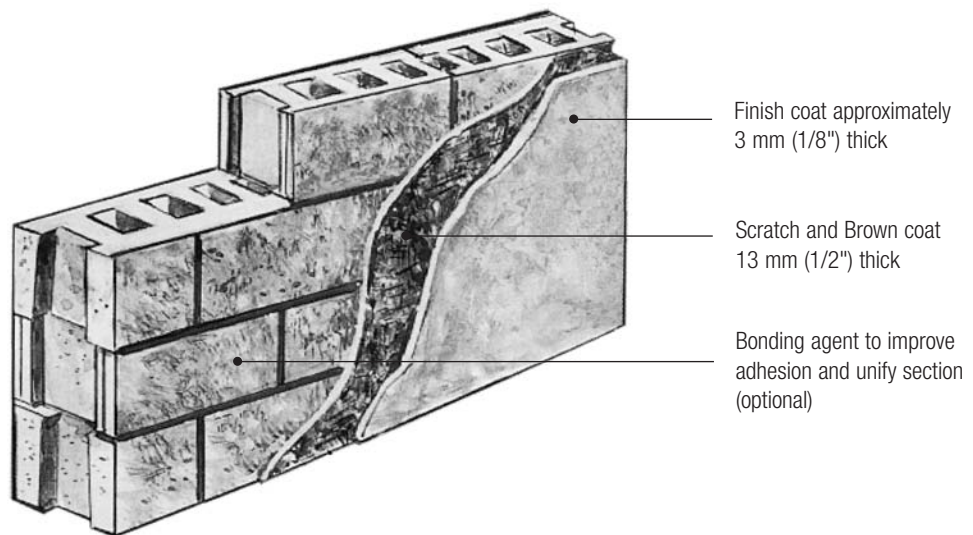
1. Add 11.4 L (3 gallons) of water to a mechanical paddle mixer.
2. Add approximately half of the concentrate required.
3. Add half of the required plaster sand.
4. Continue to add balance of concentrate and sand to the mixer.
5. Add water as required to bring mix to desired workability.
6. On masonry block substrates, properly prepare surface prior to placing Penn Crete Scratch and Brown.
7. Trowel the Penn Crete Scratch and Brown mortar onto the prepared surface to a thickness of 13 mm (1/2"). Installation is best achieved by placing two layers (approximately 6 mm (1/4") thick each) immediately following each other (double back method).
8. Follow conventional practice in scratching the base coat layer.
9. Keep the Penn Crete Scratch and Brown damp using fog spray throughout day of placement.
10. Finish coat may be applied after one day of drying.

Mix design should be strictly followed. Do not add more water to sand than recommended.

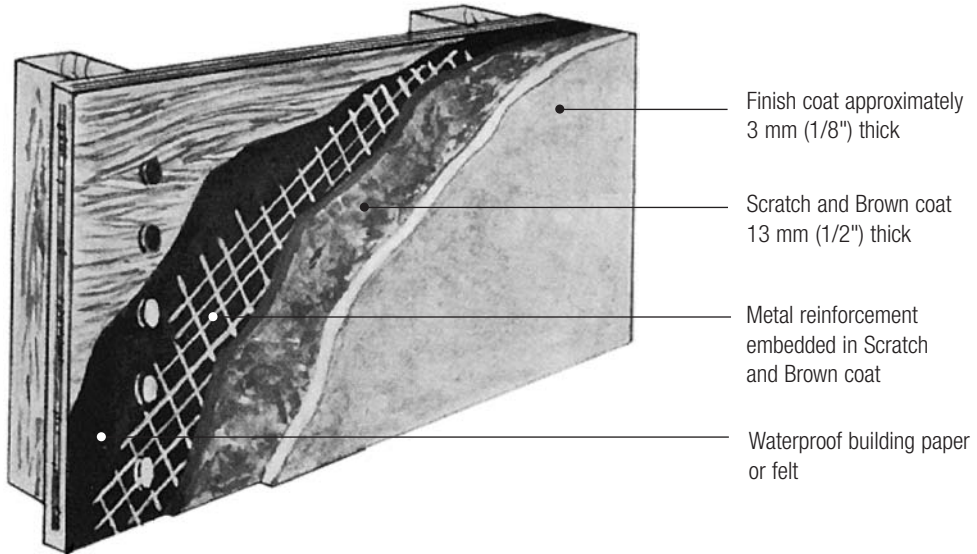
BASF Wall Systems assumes no responsibility for cracking of stucco finish which may appear and is due to structural movement of the wall system.



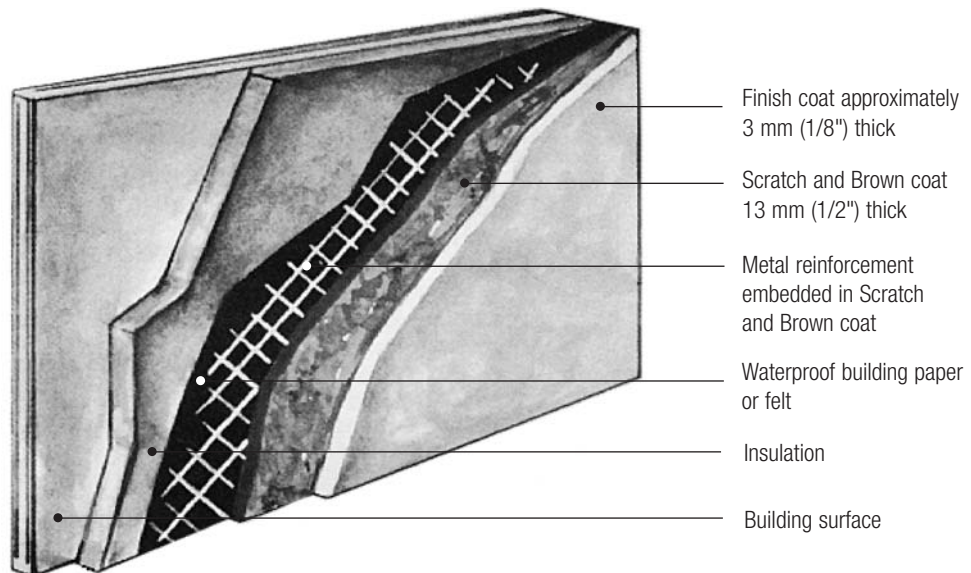
Brick Construction



Masonry Construction



Sheathed Frame Construction



Exterior Insulated System

Technical Support

Consult BASF Wall Systems' Technical Service Department (1-800-221-9255) for specific recommendations concerning all other applications. BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (hereinafter referred to as "BASF Wall Systems")

Health and Safety Information

CAUTION

Contains Portland cement and lime.

RISKS

May cause skin, eye, or respiratory irritation. Ingestion may cause irritation.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state, and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

FIRST AID

In case of eye contact, flush thoroughly with water at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

PROPOSITION 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

VOC CONTENT

This product contains 0 g/L or 0 lbs per gallon, less water and exempt solvents.

FOR MEDICAL EMERGENCIES ONLY: CALL CHEMTREC 1-800-424-9300.

Residential Policy

On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. The choices include water managed EIFS, SonoWall Stucco Wall Systems, and SonoWall Cement-Board Stucco™ Wall Systems. SonoWall Exterior Surfacing Systems for insulating concrete forms are also acceptable. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.]

See the SonoWall *Residential Policy Bulletin* for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the SonoWall web site, www.sonowall.cc for additional information about products and systems and for updated literature.

Disclaimer

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