



**Manufacturers of
Professional Grade Cement &
Construction Products Since 1967**

7/01-1

PRO FLOR TOP

DESCRIPTION:

PRO FLOR TOP is a 2 component, trowel grade, acrylic modified, underlayment which is designed to produce a smooth, flat surface. **PRO FLOR TOP** is suitable for applications over concrete, wood, quarry tile and terrazzo.

USES AND APPLICATIONS:

- Leveling uneven floor surfaces
- Smoothing rough or pitted concrete floors
- Provides a level substrate for carpeting, tile epoxy and other floor surface systems.

ADVANTAGES:

1. Portland cement based product, not gypsum
2. Acrylic modified to enhance bonding
3. Excellent bond to existing substrate
4. High compression, tensile and flexural strengths
5. Capable of troweling to a feather edge
6. Very low shrinkage
7. Open to foot traffic after 4 hours and may be topped with finish flooring material in 12 hours.
8. Compatible with most flooring adhesives.

SPECIAL NOTES:

- Apply to a clean, sound, properly prepared substrate.
- The minimum ambient and surface temperature at the time application must be 45° F (7° C) and rising.
- Application and curing times are depended upon ambient conditions and application thickness.
- Moving or control joints in the existing substrate must be continued through the PRO FLOR TOP.
- PRO FLO TOP is not intended for out door application
- Do not apply PRO FLOR TOP over gypsum based materials.
- Test installation should be performed in insure compatibility with the existing substrate.

SURFACE PREPARATION:

All existing surfaces must be clean and sound. Remove all unsound concrete, laitance, grease, dirt, paint, curing compounds, mastics or other bond inhibiting materials from the surface by mechanical means. A substrate that is rough in appearance with a sandpaper or "open" texture must be achieved prior to any application of PRO FLOR TOP. Any deep cavitites or ruts should be patched with PRO N.B.P. one hour before the application of PRO FLOR TOP.

MIXING:

PRO FLOR TOP may be mixed by manual or by mechanical means. Manual mixing; use various size buckets and a margin trowel or a mortar box with a hoe. Mix by hand for 5 minutes. Mechanical mixing; mix in a 5 gallon pail using a heavy duty, slow speed drill (400-600 rpm) with a Jiffy mixing paddle. Pour PRO LATEX BINDER into the mixing container and then add the PRO FLOR TOP while mixing. Mix until a uniform, no slump consistency is obtained. Do not over mix! 2 minutes is all that is required. Only mix that which can be placed in 1 hour. Discard the material once it has lost its "Pot Life".

POT LIFE:

PRO FLOR TOP has working time of approximately one hour at 70°F (21° C). A thin application of 1/16" will set faster than an application of 1/8" or 1/4".

CURING:

The curing time of PRO FLOR TOP is 4 hours for foot traffic and 12 hours for installation of finish flooring. If adverse conditions (high temperatures, low humidity, direct sunlight or strong winds) cause premature drying, wet cure by applying a fine mist of water.

YIELD:

One 40 lb. Unit of PRO FLOR TOP when mixed with the PRO LATEX BINDER will cover approximately:
80 sq.ft. at 1/16" thickness
40 sq.ft at 1/8" thickness
20 sq.ft at 1/4" thickness

PRIMING:

Priming is recommended before the application of PRO FLO TOP over non-porous surfaces. Use PRO LATEX BINDER to primer and enhance bonding to any substrate.

APPLICATION:

The surface should be damp (SSD) and the PRO FLOR TOP should be placed immediately after mixing. To obtain an excellent bond, a scratch coat is recommended and then the remainder of the mix is flat troweled or screeded to the desired thickness before the scratch coat has dried. Do not over work!! For application over 1/4", the addition of 3/16" sand aggregate is required. The aggregate must be washed and clean. A maximum of 30% volume of aggregate may be added to the mix.

PRO FLOR TOP has a working time of 1 hour at 70° F (21° C).

STORAGE CONDITIONS:

Store PRO FLOR TOP at or above 45° F (7° C) in a dry area. Avoid excessive heat. Keep from freezing.

COLOR:

Concrete gray when cured.

SHELF LIFE:

When stored in original, un-opened container, one year. Rotate your stock.

PRECAUTIONS:

1. Dispose of waste materials in accordance with Federal, State and local regulations.
2. The use of a dust mask, safety goggles and rubber gloves are recommended.
3. **CAUTION:** Contains Portland Cement which is highly caustic.
4. Contains Free Silica. Do not breath the dust as inhalation may cause delayed lung injury (silicosis) and is a carcinogen.
5. In case of eye contact, flush with water. Wash skin with soap and water if contact occurs. Consult a Physician
6. Use only with adequate ventilation

KEEP OUT OF REACH OF CHILDREN

TECHNICAL DATA:

Compressive Strength (ASTM C 109)

1 day	625 psi
3 days	2,000 psi
10 days	3,000 psi
16 days	3,250 psi
28 days	4,025 psi

Tensil Strength (ASTM C 190)

1 day	250 psi
7 days	450 psi
28 days	600 psi

Flexural Strength (ASTM C 348)

1 day	400 psi
7 days	750 psi
28 days	1,000 psi

Bond Strength (ASTM D 4541)

28 days 100% concrete failure

In-Service Time

4 hours for foot traffic
12 hours for application of finish flooring

GENERAL INFORMATION:

Please contact CGM, Inc. at any of the following numbers for customer service or technical assistance:

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