



We create chemistry

Technical Data Guide



09 27 26  
Portland  
Cement Plaster

# MasterProtect® P 110

Water-based polyvinyl acetate bonding agent

FORMERLY THOROBOND®

## PACKAGING

1 gallon (3.8 L) bottles  
5 gallon (18.9 L) pails  
30 gallon (113.6 L) drums

## YIELD

200–300 ft<sup>2</sup>/gal (4.9–7.4 m<sup>2</sup>/L).  
Coverage will vary depending on  
surface texture and porosity.

## STORAGE

Store in unopened containers in a  
clean, dry area between 35 and  
110° F (2–43°C). Keep from freezing.

## SHELF LIFE

12 months when properly stored

## VOC CONTENT

43 g/L less water and exempt solvents

## DESCRIPTION

MasterProtect P 110 is a water-based polyvinyl acetate bonding agent. Apply it by brush, roller, or spray to masonry, gypsum plaster, concrete, and wallboard before topping with plaster or concrete mortar.

## PRODUCT HIGHLIGHTS

- Improves adhesion of plaster or concrete mortar to a variety of substrates.
- Alkali resistant to stand up to chemical attack from cementitious and masonry materials.
- Tinted for easy visual confirmation of coverage.
- Can be applied by brush, roller, or spray for ease of use under varied jobsite conditions.
- VOC compliant for EPA and most regional jurisdictions.

## APPLICATIONS

- Interior and exterior
- Vertical and overhead
- Horizontal (interior only)
- Above grade

## SUBSTRATES

- Concrete
- Masonry
- Stucco
- Drywall and gypsum board
- Portland cement plaster
- Brown coat prior to veneer plaster

## INDUSTRIES

- Commercial
- Residential
- Industrial
- Infrastructure

## HOW TO APPLY

### SURFACE PREPARATION

1. Surfaces should be clean and sound and free of all bond-inhibiting contaminants.
2. Concrete substrates should be fully cured.
3. Point or seal all cracks or voids.

### MIXING

Prior to use, mix at slow speed with drill and mixing paddle to ensure uniform color dispersion and to minimize air entrapment.

### APPLICATION

1. Do not apply on substrates that will be exposed to water
2. Apply MasterProtect P 110 by brush, roller, or spray to produce a thin, continuous film. Do not allow MasterProtect P 110 to puddle or accumulate in low spots.
3. Allow MasterProtect P 110 to dry tack free before applying wet plaster or cements.
4. Subsequent application of new plasters and cements must be performed within 72 hours of applying MasterProtect P 110, provided that the cured material is clean, dust free, and intact.

### ACOUSTICAL OR INTERIOR VENEER PLASTER

When applying 2 coats of acoustical plaster or when plastering over a scratch and brown coat, allow the base coat to completely dry prior to application of MasterProtect P 110 and the finish coat.

## Technical Data

### Composition

MasterProtect P 110 is polyvinyl acetate based.

## Test Data

PROPERTY	RESULTS	TEST METHOD
Density, lbs/gal (kg/L)	8.9 (1.07)	ASTM D 1475
Solids, % By weight	44	ASTM D 5201

### CLEAN UP

Clean all tools and equipment with warm soapy water immediately after use. Cured material may be removed by mechanical means.

### FOR BEST PERFORMANCE

- MasterProtect P 110 should not be used under constant exposure to wet conditions, such as swimming pools, decks, retaining walls, sidewalks, parking ramps, or below-grade applications.
- Do not apply when temperature (substrate or ambient) is 40° F (4° C) or below or is expected to fall below 40° F (4° C) within 12 hours after application.
- Do not thin.
- Do not use on any exterior horizontal surface.
- Do not use over water soluble materials such as glue, calcimine, wallpaper, casein-based adhesives.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of product data sheet and SDS are being used; go to [www.master-builders-solutions.basf.us](http://www.master-builders-solutions.basf.us) to verify most current version.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

### HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting [www.master-builders-solutions.basf.us](http://www.master-builders-solutions.basf.us), e-mailing your request to [basfbcsst@basf.com](mailto:basfbcsst@basf.com) or calling 1(800)433-9517. Use only as directed.

**For medical emergencies only, call ChemTrec® 1(800)424-9300.**

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