

THOROBOND®

Water-based polyvinyl acetate bonding agent

PRODUCT DATA

9 09220

**Portland Cement
Plaster**

Description

Thorobond® is a water-based, surface-applied 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.

Yield

200 – 300 ft²/gal (4.9 – 7.4 m²/L), depending upon porosity and surface texture

Packaging

1 quart (0.9 L) bottles

1 gallon (3.8 L) bottles

5 gallon (19 L) pails

Color

Light red

Shelf Life

1 year when properly stored

Storage

Store in unopened containers in clean, dry area. Store above 40° F (4° C) and below 100° F (38° C). Protect from freezing.

Features

- Bonding agent
- Alkali resistant
- Tinted
- Brush, roller, or spray application
- Nonflammable and VOC compliant

Benefits

- Improves adhesion to a variety of substrates
- Stands up to alkali attack from cementitious and masonry materials
- Easy visual confirmation of coverage
- Adapts to varied jobsite requirements
- Safe for workers; environmentally friendly

Where to Use

APPLICATION/SUBSTRATE

- Gypsum board
- Concrete block
- Brick and stone masonry
- Concrete slabs, columns, and beams
- Stucco
- Drywall
- Brown coat before Veneer plaster

LOCATION

- Interior horizontal or vertical applications
- Above grade, exterior vertical applications

How to Apply

Surface Preparation

1. The surface must be structurally sound and clean, free of any and all oil, grease, wax, dust, sand, dirt, laitance, paint, efflorescence, curing compounds, form-release agents, and loose materials of any type.
2. If the surface is questionable, apply a small test patch of Thorobond®. Allow to completely dry and observe for any signs of lifting, wrinkling, peeling, or curling. If these occur, additional surface preparation is recommended.

Mixing

1. Thorobond® comes ready to use. Do not add water or solvents.
2. Thorobond® should be hand stirred to alleviate settling. Never shake or box mix to avoid entrapping air bubbles.

Application

1. Do not apply on substrates that will be exposed to water
2. Apply Thorobond® brush, roller, or spray to produce a thin, continuous film. Do not allow Thorobond® to puddle or accumulate in low spots.
3. Allow Thorobond® to dry tack free before applying wet plaster materials or cements.
4. Subsequent application of new plasters and cements must be performed within 72 hours of applying Thorobond®, providing Thorobond® is clean, dust free, uncontaminated, 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 Thorobond® and the finish coat.

CONCRETE AND CEMENT MORTARS

The concrete or cement mortar must be at least 3/8" (9.5 mm) thick.

Clean Up

Clean tools and equipment immediately with water. Cured material must be removed mechanically.



Technical Data

Composition

Thorobond® is polyvinyl acetate based.

Test Data

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

For Best Performance

- Thorobond® should not be used when constant exposure to wet conditions or immersion service will be incurred, such as swimming pools, decks, retaining walls, sidewalks, parking ramps, and below-grade applications
- Protect from freezing. Freezing may damage Thorobond® or cause separation to occur.
- Do not use or apply when temperatures are below 40° F (4° C) or expected to fall below 40° F (4° C) within 12 hours.
- Do not dilute or thin with water, paint thinner, or solvents.
- Do not use on any exterior horizontal surface.
- Do not apply to frozen or frost-covered surfaces.
- Do not apply to surfaces that will be exposed to ponded, standing water or surfaces where there may be hydrostatic pressure such as retaining walls or below-grade concrete.
- Do not use over water soluble materials such as glue, calcimine, wallpaper, casein-based adhesives or where constant moisture is present.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by Degussa personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Health and Safety

THOROBOND®

Caution

Thorobond® contains ethylene glycol, 2-(2-ethoxyethoxy) ethanol, and dibutyl phthalate.

Risks

May cause skin, eye and respiratory irritation. Ingestion may cause irritation. Repeated ingestion may cause kidney damage.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Keep container closed when not in use. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. 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.

First Aid

In case of eye contact, flush thoroughly with water for 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

0.36 lbs/gal or 43 g/L, less water and exempt solvents

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

Degussa Building Systems

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Customer Service 800-433-9517

Technical Service 800-243-6739

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