

Muddskip Drywall Joint Compound Additive

For use in all joint compounds including but not limited to Quick Setting compounds, premixed All Purpose, Light Weight, et all US and Canadian manufactured setting compounds for us over gypsym wall board.

DESCRIPTION: ASTM C475/C475M — Standard Specification for Joint Compound and Joint Tape (paper and glass mesh joint tape) for Finishing Gypsum Board.

Muddskip Drywall Joint Compound Additive is a revolutionary additive used to enhance the adhesive and bonding qualities of existing joint compounds in ALL phases of drywall finishing, enables rehydration for ease of use and minimizes need for sanding, more flexibility and promotes a stronger, harder finish with less shrink, pocking and flashing.

- Reduces time on job by improving the setting time for recoating wet on wet coats of joint compound when dry to touch.
- Enables joint compound to rehydrate for ease of use and touchups within 6 hours with Quick setting compounds and within 24 hours with premixed compounds.
- Superior results for embedding tape
- Superior results for covering fasteners, corner bead and trim
- Superior results for repairing cracks on drywall and existing plaster walls
- Superior results for repairing existing painted surfaces including surface cracks
- Superior results for filling and finishing
- Superior results for skim coating
- Superior results for desired textures, finishing up to a level 5 smooth finish.
- Increases Tensil strength measured in testing by 30% or more depending on host product
- Improved surface scratch testing strength
- Reduces Shrink of host product
- Improves overall hardness of finished product promoting less surface damage
- Improves overall flexibility of finished product promoting less cracking
- Qualifies as low VOC emitting material by (CDPH Standard Method V1.1, also known as CA Section 01350)

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LIMITATIONS: Protect from freezing, extreme heat and exposure to direct sunlight. Prior to using any epoxy coatings over finished product consult the epoxy coating manufacturer and follow manufacturer's specific recommendations regarding the preparation or suitability of substrates for the epoxy coating. Many epoxy coatings exert significant shear stress on the substrate as the strong epoxy film shrinks while curing/drying. This stress can cause the bond of the joint compound to fail, resulting in delamination problems.

PREPARATION: Install Gypsum Panels in accordance to manufacturer's recommendations. Before applying joint compound with Muddskip Additive be sure gypsum walls, painted walls or plastered walls are clean and free of debris. In cold weather and during gypsum panel joint finishing, temperatures within the building should be maintained at a minimum of 55-95 degrees F (13-35C) for a minimum of 24 hours prior to installation (Same for storage). Take 70% of clean cool mixing water add it to your desired joint compound, once you achieve creamy consistency add Muddskip Additive while mixing, then add remaining 30% of clean cool water, mix to your desired creamy consistency for a minimum of 5 minutes.

To improve drying, adequate ventilation is required in high humidity climates. Always remix contents before use. Prepare joint compound to consistency you desire for thickness using more water if using bazookas, boxes or taping tools, be mindful not to over hydrate to a consistency that is too loose.

Note: When applying Joint Compound with Muddskip Additive over previously wallpapered substrates or unknown materials that could have adverse effects with interruption of substrate, especially those that may have harmful particles, we recommend sealing the wall with a primer product used to minimize free radicals from entering the air for added safety or consult a remediation specialist for compliance purpose with EPA.

APPLICATION: Apply to walls or ceilings with hawk & trowel, pan & knife, or 3/4" nap roller. WORK IN SECTIONS YOU CAN KEEP UP with the Smoothing Process using a Trowel or Smoothing Blade.

Cover joint with a thin layer of compound and embed paper tape, leaving about 1/32 in. of compound under feathered edge. Let dry to touch then apply second coat, feathering approximately 2 in. beyond first coat. Let dry to touch then apply third coat, feathering 2 in. beyond second coat. Wet trowel with water mist for no sanding or dry trowel/scrape or sand lightly to remove tool marks as required. Finish fastener heads, corner bead and inside corners as required with at least three coats of joint compound, (with Muddskip you can recoat when dry to touch with multiple coats same day) feathered out onto panel faces and finished to a smooth surface. Proper concealment (joints, fasteners, trims): Using fill and finish coats of joint compound to properly conceal gypsum panel joints, fasteners and trim accessories makes it difficult to achieve a flat plane on a finished surface. However, using Muddskip Additive in your joint compound and properly finishing your gypsum panel wall will drastically improve the finish, minimizing the appearance of joints, fasteners and trims. Its visual and aesthetic qualities help disguise the panel seams and points of fastener/trim installation from being easily visible

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across the substrate surface. Finishing and properly concealing joints and fasteners are best served on two techniques: (1) using graduated arcs to prevent recesses or ridges, and (2) not applying joint compound flush or flat to the panel surface. Recesses or ridges can result in distinct shadows in critical light or other adverse visual conditions. Applying joint compound flush or flat to the surface does not properly conceal the panel and increases the likelihood of joints and fasteners showing through the decorated finish. The body of the compound with Muddskip will improve the finish and minimize typical finishing issues with more ease.

FINISHES:

- **Level 5 Smooth**, use smoothing blade after smoothed finish sets to touch come back with spray bottle MIST (set to mist setting) of Muddskip Finisher or Cold Water may also be used (finish won't be as hard as with Muddskip Finisher) Using trowel or smoothing blade wet trowel (burnish) to desired level of smooth finish with minimal to NO SANDING between coats.
- **Venetian Plaster Look**, add Muddskip Finisher (8oz) to mud while mixing in addition to using finishing spray while burnishing or polishing smooth on wall
- **Stipple Texture**, after smoothing with leveling blade roll in one direction using a 3/8-1/2" roller.
- **Skip trowel**, use trowel or leveling blade in back and forth, random skip smooth motion.
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Muddskip Properties: **STRONGER** Adhesion - **HARDER** Finish - **FASTER** (wet on wet coats when dry to touch, SAME DAY) - minimal to **NO SANDING** - **SAVES TIME** and **LABOR** - **ONE PRODUCT** for Patch, Seams, Base coat and Finish coat - if you have any pocking or pining, don't worry, they will smooth out next pass when troweling or smoothing wet on wet coats- Finish with **TROWEL, KNIFE** or **SMOOTHING BLADE**.

Description of Standard Abstract

This specification covers all-purpose, taping and finishing joint compounds, paper joint tape and glass-mesh joint tape. No cracks in the thinner half of the wedge and no deep fissure cracks in the thicker half of the wedge. Other physical properties such as putrefaction, shrinkage, joint tape, width, thickness and tensile strength shall also be determined. Tests such as dimensional stability test, assembly of taping or all-purpose compound and joint-tape test, bond test, edge cracking test, and skewness test for paper joint-tape.

1. Scope

1.1 This specification covers all-purpose, taping and finishing joint compounds, paper joint tape and glass-mesh joint tape.

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1.1.1 The joint materials used in this standard are designed to be used with gypsum board installed in accordance with Specification C840.

1.2 This specification also covers the minimum requirements for an assembly of taping and all-purpose compound and joint tape.

1.3 The text of this specification references notes and footnotes that provide explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the specification.

1.4 The values stated in either inch-pound or SI (metric) units are to be regarded separately as standard. Within the text, the SI units are shown in parentheses. The values stated in each system shall be used independent of the other. Values from the two systems shall not be combined.

Products tested with Muddskip Additive:

[CertainTeed](#)

Product name

[AquaBead® Corner Reinforcement](#)

ASTM

Id: C475

Id: C840

Manufacturer

[CertainTeed](#)

Product name

[Easi-Fil Dust Away Reduced Dust Drywall Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[CertainTeed](#)

Product name

[Easy Finish® Joint Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[Gold Bond® eXP® Interior Extreme® AR Gypsum Panel](#)

ASTM

Id: C475

Id: C1658

Id: C840

Id: C1396

Manufacturer

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[National Gypsum](#)

Product name

[Gold Bond® eXP® Interior Extreme® Gypsum Panel](#)

ASTM

Id: C1658

Id: C1396

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® All Purpose Heavy Viscosity Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® All Purpose Joint Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm® All Purpose Machine Grade Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® All Purpose Texture Grade Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® All Purpose with Dust-Tech® Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

Muddskip Drywall Joint Compound Additive

[ProForm® Concrete Cover Joint Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Factory Built Housing Texture Grade Ready Mix Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® FasTrack® Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® FasTrack® Plus Joint Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Lite-Blue™ Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Lite Blue™ Joint Compound with Dust-Tech®](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Lite Joint Compound](#)

ASTM

Id: C475

Id: C840

Muddskip Drywall Joint Compound Additive

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Lite with Dust-Tech®](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Multi-Use Joint Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm™ Paper Joint Tape](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Quick Set™ Fire and Smoke Stop 90 Setting Compound](#)

ASTM

Id: C840

Id: C665

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Quick Set Lite™ Setting Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Taping Lite Joint Compound](#)

ASTM

Id: C840

Id: C475

Manufacturer

[National Gypsum](#)

Product name

Muddskip Drywall Joint Compound Additive

[ProForm® Topping Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[ProForm® Ultra Lite® All Purpose Joint Compound](#)

ASTM

Id: C475

Id: C840

Manufacturer

[National Gypsum](#)

Product name

[Sheetrock® Brand All Purpose Joint Compound](#)

ASTM

Id: C475

Manufacturer

[USG](#)

Product name

[Sheetrock® Brand Durabond® Joint Compound](#)

ASTM

Id: C475

Manufacturer

[USG](#)

Product name

[Sheetrock® Brand Easy Sand Lightweight Setting-Type Joint Compounds](#)

ASTM

Id: C475

Manufacturer

[USG](#)

Other products tested in US and Canada available upon request.

Use of this information is for the purpose of ASTM quality compliance from independent studies and testing completed to the standards of ASTM. This product is pending formal fire testing.

Caution: Dust from sanding may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Use only a well ventilated area, wear approved respirator, eye protection, if sanding use vacuum protection methods, we recommend wet sanding to eliminate the risk of dust. For more information contact info@muddskip.com, SDS available.

ALWAYS FOLLOW HIGHEST AND BEST USED SAFETY PRACTICES, TAKE NECESSARY PRECAUTIONS TO WEAR APPROPRIATE PERSONAL PROTECTION EQUIPMENT AS NEEDED, READ THE SDS AND RELATED MATERIALS.

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