

# Beadex® Lite Joint Compounds



## Complete line of easy-working products for fast, smooth joint finishing

- Lightweight for easier handling and applying.
- Ready-mixed for minimal mixing, thinning, retempering.
- Smooth application, long-lasting performance.
- Three types: taping, topping, all-purpose.

## Description

BEADEX® brand lite ready-mixed joint compounds are formulated to provide performance superior to that of ordinary ready-mixed products. Blended to a creamy, smooth consistency, these formulations give excellent slip and bond and easy workability. They can be used directly from the container and require only minimal mixing, thinning and retempering. Joint finishing is fast, easy and smooth, reducing labor costs and improving appearance and quality of the job.

During one working day, a drywall finisher lifts, carries and applies more than 900 lbs. of ready-mixed joint compound. Advanced BEADEX lite joint compounds, exclusively from United States Gypsum Co., weigh up to 35% less than conventional compounds so handling and applying are simpler, easier and faster for the finisher. Each job goes more quickly, so productivity is higher and in-place costs are lower.

To further cut labor costs, BEADEX lite all-purpose and topping joint compounds require only two coats over metal, such as corner beads and fasteners. The third coat required with conventional compounds is eliminated. Sanding is also easier than with other compounds, requiring only 150-grit sandpaper or 220-grit abrasive mesh cloth.

**BEADEX® brand ready-mixed lite taping joint compound** A high-performance product for embedding tape. Ideal for patching plaster cracks and for use on most gypsum board when maximum bond and crack resistance are essential.

**BEADEX® brand ready-mixed lite topping joint compound** A low-shrinkage, easily applied and sanded product recommended for second and third coats over BEADEX ready-mixed lite taping and lite all-purpose compounds. Bond strength, however, is insufficient for embedding tape.

**BEADEX® brand ready-mixed lite all-purpose joint compound** Bonds like a taping product, providing a tough, tight bond under most job conditions. It combines all-purpose, single-package convenience with optimum taping and topping performance. Use it for embedding and finishing, even for simple hand-applied texturing. When used as texture finishing, it should be over-painted when dry (not washable unpainted).

## Advantages

**Ready-mixed convenience and economy** Factory-mixed for high quality. Reduce mixing and sanding time substantially.

**Specific compound for each task** A two-compound system for quality joint finishing: BEADEX ready-mixed lite taping compound for embedding, and BEADEX ready-mixed lite topping compound, for second and third coats. For the convenience of a single compound for both taping and topping, BEADEX ready-mixed lite all-purpose compound is ideal.

**Better slip, excellent bond** Compounds feature superior ease of handling, good crack resistance and excellent adhesion. Superior bonding properties are retained by the taping compound even under humid job conditions, which often weaken bonding of other compounds.

**Low shrinkage for finer finish** Factory-controlled shrinkage results in finer finished work without extra labor.

**Fewer decorating problems** Tests show that BEADEX ready-mixed joint compounds are especially resistant to cracking along tape edges. Smoothness of finished joints and lack of any chemical reaction with quality paints or wallpaper simplify decoration.

## Limitations

1. Protect container from freezing and extreme heat.
2. Prior to using any epoxy coating over any surface treated with joint compound, 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

Position and apply gypsum panels in accordance with manufacturer's recommendations.

In cold weather and during gypsum panel joint finishing, temperatures within the building shall be maintained at a minimum of 55 °F (13 °C). Adequate ventilation shall be provided to carry off excess moisture.

Mix contents lightly without adding water. Use directly from container for covering fasteners and corner bead. For taping and finishing joints (especially for use in mechanical tools), thin as necessary. Add water in half-pint increments to avoid overthinning. Remix lightly and test-apply after each water addition.

**Application**

Cover joint with a thin layer of compound and embed tape, leaving about 1/32" of compound under feathered edge. Let dry and sand lightly. Apply second coat, feathering approximately 2" beyond first coat. Let dry, sand lightly as required, and apply third coat, feathering 2" beyond second coat. Sand lightly as required when dry. Finish fastener heads, corner bead, and inside corners with only two coats of joint compound, feathered out onto panel faces and finished to a smooth surface. It is recommended that all joints, fasteners, and beads be sanded before decorating. Remove any sanding dust from surfaces. If dry sanding, use nothing coarser than 150-grit sandpaper or 220-grit abrasive mesh cloth.

**Decorating**

For priming and decorating with paint, texture, or wallcovering, follow manufacturer's directions for products used. All surfaces, including applied joint compound, must be thoroughly dry, dust-free, and not glossy before decorating. A prime coat of a USG primer product or a quality interior latex flat wall paint with a high solids content should be applied undiluted and allowed to dry before decoration. Walls to be covered with wallpaper or vinyl wallcovering should be sealed per manufacturer's recommendation.

To improve fastener concealment, where gypsum panel walls and ceilings will be subjected to severe artificial or natural side lighting and be decorated with a gloss paint (eggshell, semigloss, or gloss), the gypsum panel surface should be skim coated with a conventional-weight USG all-purpose joint compound to equalize suction before priming and painting.

**Product Data**

**Material:** Vinyl-type formulation.

**Types:** Hand or mechanical application.

**Freezing Sensitivity:** Protect from freezing.

**Coverage:** Approximately 9.4 gal./1000 ft.<sup>2</sup> (38.3L/100m<sup>2</sup>) of gypsum panels.

**Compliance with Standards:** Meets ASTM Standard C475.

**Storage:** Shelf life of unopened container: up to 9 months under good storage conditions. Store compound in protected place, as extreme heat or cold accelerates aging. Check production date codes periodically. Rotate stock on first-in, first-out basis.

**Packaging:** 1.0 gal. (3.79L) and 4.6 gal. (17.4L) pail for lite all-purpose; 3.5 gal (13.3L) cartons for lite taping, lite topping and lite all-purpose.

**Submittal Approvals:**

<b>Job Name</b>		
<b>Contractor</b>		<b>Date</b>

**WARNING**

When applying or sanding, wear safety glasses or goggles. If eye contact occurs, flush thoroughly with water for 15 minutes to remove particles. If irritation continues, consult physician. Use wet-sanding technique to avoid creating dust. If dry sanding, wear a NIOSH/ MSHA-approved respirator. Dust created from dry sanding may cause eye, nose, throat, or upper respiratory irritation. If there is any discomfort, consult physician. Do not ingest. Product safety information: (800) 507-8899. Keep out of reach of children.

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**Safety First!**

Follow good safety and industrial hygiene practices during handling and installing all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/ or installation.

