

## UltraBEAD with Deep Leg Deflection Track System (Non-Structural) 1 and 2 Hour rated head of wall assembly for up to 3/4" joints

UltraBEAD with deep leg deflection track utilizes non-structural deep leg deflection track and UltraBEAD to generate a UL 2079-Fifth Edition compliant, 1 or 2 HR rated assembly with up to 3/4" maximum joint at 60% compression. Multiple perforations along the 1-1/8" flange of UltraBEAD enhance strong compound adhesion and the raised shoulder provides for a flush finish. The proprietary compressible foam of UltraBEAD creates a tight seal against the underside of the concrete slab. The wall studs are not fastened to the deflection track and a row of lateral bracing is required within 12" of the deep leg deflection track to prevent rotation and lateral movement of the studs.

### Product Data & Ordering Information:

<b>Material:</b>	Yield Strength: 33ksi Coating: G40EQ (G40 and G60 available)
<b>Thickness:</b>	ProTRAK: 30mils: 0.0312" Design Thickness, 0.0296" Min Thickness ProTRAK: 33mils: 0.0346" Design Thickness, 0.0329" Min Thickness
<b>Dimensions:</b>	2" legs with an inside depth equal to the depth of the stud. Standard depths available: 2-1/2", 3-5/8", 4", 6" and 8".



### Allowable Deflection Track Point Allowable Loads:

Deflection Track System	Allowable Deflection Track Allowable Loads	Allowable Limiting Wall Height
ProTRAK 30mil	92 lbs	27'-6"
ProTRAK 33mil	113 lbs	33'-10"

### Table Notes:

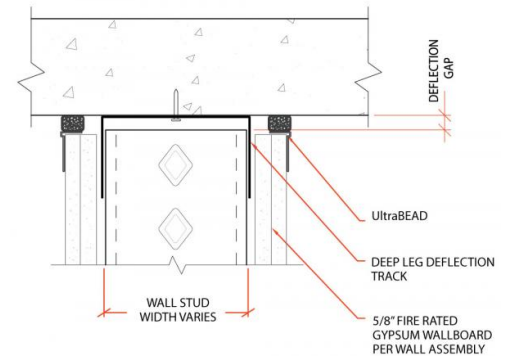
1. Limiting wall heights are based on studs spaced at 16" o.c. and an interior lateral load of 5psf.
2. Stud members must be analyzed independently of the track system. Use [www.itools.clarkdietrich.com](http://www.itools.clarkdietrich.com) to check limiting wall heights of stud members.
3. Stud failure modes relating to the deflection track connection (shear, web crippling, etc.) must be checked separately.

### Code Approvals & Performance Standards:

- Drywall framing is produced to meet or exceed AISI S220, ASTM A1003, A653 & C754
- See ProTRAK Submittal for section properties
- Intertek CCRR-0207 - Evaluation Report
- UL HW-D-0924 - 1 or 2 HR HOW Joint System
- SDS & Product Certification Information is available at [www.clarkdietrich.com/SupportDocs](http://www.clarkdietrich.com/SupportDocs)

**Sustainability Credits** For more details and LEED letters contact Technical Services at 888-437-3244 or visit [clarkdietrich.com/LEED](http://clarkdietrich.com/LEED).

- **LEED v4.1 MR Credit:** Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
- **LEED v4 MR Credit:** Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).



## UltraBEAD

### Vinyl L-Bead with Proprietary Compressible Foam

UltraBEAD creates an easy attachment that is attained with staples through the bead flange. Multiple perforations along the 1-1/8" flange enhance strong compound adhesion and the raised shoulder provides for a flush finish. Rigid vinyl is rust proof, dent resistant and easy to field cut without distorting the profile or leaving sharp edges and burrs.

Composite Firestop/Framing for use in fire-resistant joint systems in or between fire-resistance-rated walls and floor/ceiling or roof/ceiling assemblies. Many assemblies can also be used in smoke barriers with tested air leakage (L ratings) well below the code defined maximum of 5 cfm per linear foot.

### UL 2079 - Fifth Edition Compliant

When used in conjunction with UltraTRAK slotted deflection track or Deep Leg deflection tracks, UltraBEAD is UL 2079-Fifth Edition compliant. Provides joint protection up to 3/4" with various compression extension ratios per the listing.

U.S. Patent Pending

### Product Data & Ordering Information:

<b>Vinyl Material:</b>	0.028" PVC (Polyvinyl Chloride)
<b>L-Bead Dimensions:</b>	1/2" Leg x 1-1/8" Flange (available in rip bead)
<b>Length:</b>	8-foot long
<b>Vinyl color:</b>	White
<b>Foam color:</b>	Dark Brown

Part Profile	Part Number	Width	Length	Wt./Ctn.	Pcs./Ctn.
UltraBEAD	62957	1/2"	8'	24 lbs	40
UltraBEAD with Rip Bead	62958	1/2"	8'	18 lbs	30

### Code Approvals & Performance Standards

- **ASTM C840** Standard Specification for Application and Finishing of Gypsum Board
- **ASTM C841** Standard Specification for Installation of Interior Lathing and Furring
- **ASTM C1047** Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base
- **ASTM D3678** Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior - Profile Extrusions
- **UL Design 2079 Fifth Edition** Tests for Fire Resistance of Building Joint Systems
  - (When used in conjunction with UltraTRAK, slotted deflection track or Deep Leg deflection tracks)
  - IBC requires fire-resistant joint systems be tested in accordance w/the requirements of either ASTM E1966 or UL 2079.
- **SDS UltraBEAD Foam** For UltraBEAD Foam
- **SDS Vinyl Corp** PVC Compounds

### Storage:

All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather.

### Installation Instructions:

- Splices in the UltraBEAD assembly shall be offset a min of 12" from joints in the Top Track.
- UltraBEAD is to be installed on both sides of wall.
- UltraBEAD horizontal flange to be applied over the top face of the gypsum base, ensuring horizontal and vertical flanges are in contact gypsum base.
- Factory edges have 1/4" of foam overhanging the UltraBEAD, splices are aligned and tightly butted together so foam is compressed, and vinyl L-beads are touching.
- Field splices are cut square with 1/4 in. foam overhang, aligned, and tightly butted together so foam is compressed, and vinyl L-beads are touching.
- Cut to length with a fine-toothed hacksaw or chop saw.
- Make sure to cut ends square (to be butted tightly when spliced)
- Attach UltraBEAD to the gypsum base with 9/16 in (16mm) type G staples, or equivalent, spaced 12 in. (305 mm) o.c. maximum along the flange.
- Repeat until all joints have been filled with the UltraBEAD.
- A layer of tape and joint compound may be applied over the UltraBEAD with tape lapping onto the wall only.
- UltraBEAD is compatible with drywall compound and water based paints.

