Expanding Your Solutions

Innovative Products

Fire Gasket  |  Fire Bead  |  HOTROD XL  |  Sound Gasket
Sure-Board® Series  200S-F/200S-P  |  ProX Header® Rough Opening Systems
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Disclaimer
All data, specifications, and details contained in this publication are intended as a general guide for using CEMCO cold-formed steel framing products and accessories. These products are not to be used in design or construction without an independent evaluation by a licensed and qualified engineer or architect to verify the suitability of a particular product for use in a specific application. CEMCO and its entities assume no liability for failure resulting from the use or misapplication of computations, detail drawings, and specifications contained herein. This publication contains the latest information available at the time of printing. CEMCO and its entities reserve the right to make changes or modifications to the materials of any of its products without out prior notice or obligation. Contact CEMCO at 800-775-2362 or www.cemcosteel.com for the latest information on these or any other CEMCO products.

California’s Proposition 65 Warning
California’s Safe Drinking Water and Toxic Enforcement Act of 1986 – commonly referred to as Proposition 65 (“Prop 65”) (27 Cal. Code Reg. § 25600, et seq.) – has recently changed, requiring manufacturers to provide a warning based on its knowledge about the presence of one or more of the almost 900 listed chemicals which are known to the State of California to cause cancer and birth defects, or other reproductive harm. With a few exceptions, manufacturers operating in the state of California as well as those entities who distribute, import, package, and/or supply products into the State of California are now required provide a “clear and reasonable” warning to consumers that their products may contain one or more of these listed chemicals or compounds. The complete list is available at www.P65Warnings.ca.gov.

In compliance with the new requirements, we are notifying each of our customers that CEMCO products contain Nickel (metallic) and/or other chemicals listed which are known to the State of California to cause cancer and birth defects or other reproductive harm. Safety data sheets from our major suppliers are available from CEMCO on our website at www.cemcosteel.com.
CEMCO FIRE GASKET is a fire rated composite vinyl intumescent accessory available in 2 profiles; 1" (Fire Gasket 1) and 1-1/2" (Fire Gasket 1.5) that provides 1 and 2 hour fire-ratings in lieu of fire sealant for both dynamic (1" up to 1-1/2") and static joints for both concrete and fluted deck assemblies according to UL-2079 5th edition. Fire Gasket provides an L-rating of less than 1 CFM and is sound tested according to ASTM E90.

- FIRE GASKET is mechanically or adhesively fastened to the leg of the track. It features a 3/8" hollow bubble gasket on the upper corner that is easily compressed to seal against uneven concrete or fluted decks. Once properly installed the Fire Gasket provides an unbreakable seal, to provide long term fire, smoke and sound protection.
- FIRE GASKET takes the place of fire sealant at building joints and does not require any fire spray over compressed mineral wool when used perpendicular to fluted decks.
- FIRE GASKET is manufactured is a pink color vinyl that is easily identified by the inspector.
- FIRE GASKET features an intumescent strip along the inside leg of the profile where it is protected from any potential trade damages.
- FIRE GASKET installs fully cured and has no installation temperature or humidity restrictions.

- FIRE GASKET installs on both sides of the wall and comes in 10’ lengths.
- FIRE GASKET can be installed in the field or pre-installed to the track prior to installing track in place.
- FIRE GASKET provides up to 1” overall unencumbered movement for Fire Gasket 1, and 1-1/2” for Fire Gasket 1.5.
- FIRE GASKET is very durable and is not easily damaged, once installed it will not delaminate, it will not take in water, and it will not shrink or harden over time.
- FIRE GASKET provides premium STC ratings.
  - STC 51 on 3-5/8” 20 EQ studs unbalanced walls.
  - STC 55 on 3-5/8” 20 EQ studs balanced walls.
- U.S. Patent No. 10,246,871
CEMCO FIRE BEAD is a composite fire rated wall mount deflection bead that provides 1- and 2-hour fire-ratings in lieu of fire sealant for both dynamic and static joints according to UL-2079 5th edition (for both standard walls and shaft walls) and is sound tested according to ASTM E90.

- **Fire Bead** provides BOTH 1- and 2-hour fire ratings.
  - The 1-hour profile has a 1/2" gasket with a 5/8" flexible horizontal return leg.
  - The 2-hour profile has a 1/2" gasket with a 1-1/4" flexible horizontal return leg.
  - Provides an L-rating less than 1 CFM/Lin Ft for ambient and 400 degrees F.
- **Fire Bead** is installed fully cured, is not affected by water or moisture and has no temperature restrictions for installation.

- **Fire Bead** has 2 separate compressible sealing points, one against the concrete deck and one against the framing member to prevent sound flanking.
- **Fire Bead** has a pink perforated mud leg to indicate to the installer and inspector that the vinyl accessory is fire rated.
- **Fire Bead** will stay flexible for the life of the assembly.
- **Fire Bead** comes in 10' lengths with a 5/16" tear off leg that acts as a guide to apply joint compound without masking off adjoining surfaces.
- UL listings/approvals: HW-D-0624; HW-D-0625; HW-D-0554; HW-D-0550; BW-S-0024; WW-D-0104.
- Patent pending.

*Optional bead of sealant can be applied to the web of the track prior to installation to seal off any potential gaps between the track and the concrete.
CEMCO HOTROD XL is a composite fire rated wall mount deflection bead that provides 1- and 2-hour fire ratings in lieu of fire sealant for both dynamic (13/16" overall movement) and static joints according to UL-2079 5th edition (for both standard walls and shaft walls on both fluted decks and solid concrete) and is sound tested according to ASTM E90.

• **HOTROD XL** provides BOTH 1- and 2-hour fire ratings in ONE PROFILE and provides an L-rating of less than 1 CFM/Lin Ft for ambient and 400 degrees F.

• **HOTROD XL** combines compressible firestopping foam with an easy to install finish vinyl drywall accessory for a single-step application.

• **HOTROD XL** has a pink perforated attachment flange (mud leg) that is easily identified by the inspector as a UL certified firestopping accessory and a white vinyl flexible leg that conceals the compressible firestopping foam that can be painted.

• **HOTROD XL** has no installation temperature or humidity restrictions.

• **HOTROD XL** can be pre-installed to the front or back side of the drywall, to eliminate any post firestop installation work after the drywall is installed.

• Foam compresses to be fully concealed behind flexible vinyl leg, the flexible vinyl leg can then be painted and works as a guide to ensure the proper deflection gap width is maintained.

• UL listings/approvals: HW-D-0624; HW-D-0625; HW-D-0554; HW-D-0550; BW-S-0024; WW-D-0104; HW-D-0514; HW-D-0518; HW-D-0524; HW-D-0652; HW-D-0620; HW-D-0573; HW-D-0525; HW-D-0553; HW-D-0621; WW-S-0061.

• U.S. Patent No. US 9,683,364 and US 10,184,246

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Click here or scan the code to view the installation video!
CEMCO SOUND GASKET is a vinyl accessory that provides smoke and sound ratings for both dynamic (1” overall movement) and static joints. The unique vinyl profile provides a seal along the inside leg to prevent sound flanking along the leg of the slotted and framing screws while the outer bubble gasket will compress to seal against uneven concrete.

- SOUND GASKET is mechanically or adhesively fastened to the leg of the track. It features a 3/8” hollow bubble gasket on the upper corner that is easily compressed to seal against uneven concrete or fluted decks. Once properly installed the Sound Gasket provides an unbreakable seal, to provide long term smoke and sound protection.
- SOUND GASKET takes the place of acoustic sealant at building joints.
- SOUND GASKET can be used on head-of-wall, bottom-of-wall, and wall to wall building joints.
- SOUND GASKET is tested for air leakage for compliance with Section 713.6 of IBC and CBC.
- SOUND GASKET is manufactured in a light blue color vinyl that is easily identified by the inspector.

- SOUND GASKET installs fully cured and has no installation temperature or humidity restrictions.
- SOUND GASKET installs on both sides of the wall and comes in 10’ lengths.
- SOUND GASKET can be installed in the field or pre-installed to the track prior to installing track in place.
- SOUND GASKET provides up to 1” overall unencumbered movement.
- SOUND GASKET is very durable and is not easily damaged, once installed it will not delaminate, it will not take in water, and it will not shrink or harden over time.
- SOUND GASKET provides premium STC ratings.
  - STC 51 on 3-5/8” 20 EQ studs unbalanced walls.
  - STC 55 on 3-5/8” 20 EQ studs balanced walls.
- U.S. Patent No. 10,246,871

Click here or scan the code to view the installation video!
Expanding Your Structural Floor and Roof Sheathing Solutions

CEMCO® introduces our newest innovation, Sure-Board® Series 200S-F (FLOOR & FLAT-ROOF) and Series 200S-P (PITCHED ROOF) sheathing products. Series 200S-F/200S-P panels are available as follows:

Series 200S-F (FLOOR & FLAT-ROOF):
- Size: 3/4” x 48” x 48”
- Steel thickness: 33 mil

Series 200S-P (PITCHED ROOF):
- Size: 1/2” x 48” x 48”
- Steel thickness: 33 mil

Benefits of Sure-Board® Series 200S-F/200S-P floor and roof sheathing products include:
- Structural sheathing panels attachment to cold-formed steel framed floor/roof systems by screws.
- Full 2” steel overlap eliminating the need for horizontal blocking at joints.
- 48” x 48” panels require single installer.
- Less expensive to install than other non-combustible sheathing options.
- Meet or exceed 2013/2016 California Building and California Residential Codes—IAPMO ER 185.
- DSA Approved IR A-5.
- UL Fire Test for 1 and 1-1/2-hour assembly—UL H503.
- Several sound tested assemblies each exceeding an STC of 50.

Click here or scan the code to view the SEISMIC TESTS conducted at UCSD’s Shake Table!
Introduction

The unique shape of ProX Header is engineered to carry higher load values with less steel. Most wall openings can be supported with a single piece header and for wider openings an insert member is added for additional strength. The patented system utilizes an internal clip that fastens to the vertical Jamb stud(s). The ProX Header member snaps into place and leaves a flush surface for the application of drywall.

Material and labor costs are sharply reduced and construction productivity is increased. Installation is simplified and can be accomplished with a single framer. As with a traditional built-up box header the need to measure, cut and fit several stud and track components is eliminated. Additionally, there is no welding and much less screwing when using ProX Header.

Benefits:

• IAPMO ER-0286.
• The ProX Header is engineered to deliver superior strength with fewer pieces.
• Easy, consistent installation – no welding required.
• Superior strength at connection points – internal ProX Header Clip design.
• Improved load values in lighter gauge materials.
• Straight cuts that deliver consistent and accurate fitting components.
• Reduces field cutting, welding and trimming.
• Consistent door and window header design for both interior and exterior metal framed openings.
• ProX Header offers a flush framing substrate that provides a better quality drywall finish.
• Easily insulates during the “work in progress.”
• Pre-engineered code compliant Span Tables.

LEED v4 for Building & Design Construction

• MR Prerequisite: Construction and Demolition Waste Management Planning.
• MR Credit: Construction and Demolition Waste Management.
• MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials, Option 2.
• MR Credit: Building Product Disclosure and Optimization – Material Ingredients, Option 1.
• MR Credit: Building Life-Cycle Impact Reduction, Option 4.

Recycled Content

• Total Recycled Content: 36.9%
• Post-Consumer: 19.8%
• Pre-Consumer: 14.4%

ProX Header® is a registered trademark of Brady Innovations, LLC.
US Patent Nos. 6,799,408; 7,178,695; 7,730,695 & 8,281,544 are owned by Brady Innovations, LLC.
ProX Header Installation is Consistent, Fast, & Easy

The exploded assembly shows just how simple the ProX Header System is. The internal clip allows the ProX member to “Snap and Hold-in-Place” for fast installation and transfers loads to the vertical jamb studs. ProX is the fastest, easiest and the lowest installed cost, most efficient system for all rough openings. Code compliance is easily achieved when the ProX Header is used.

The ProX Header is made of 20, 18, 16 and 14 gauge (33, 43, 54 and 68 mil) galvanized steel complying with industry standard ASTM performance criteria for metal stud framing. The members fasten together with No. 8 (interior) or No. 10 (exterior) sheet metal screws (SMS). ProX Header Clips are internal and connect horizontal to vertical members, which leaves a smooth framing substrate for the drywall and finishing trades.

Extra Strength is a SNAP!

When required, higher load values are met by simply snapping an optional ProX Insert member into the ProX Header outer member to form a stronger assembly.

ProX is the Premier Single Piece Header System in the Cold-formed Steel Framing Industry

Watch ProX Header Component Assembly

See how simply the system components assemble to form a stronger header.

Scan code on right to view, or visit: www.proxheader.com
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