

TremLock® Slope Framing System

Retrofit System

FEATURES

Decades-long service life

Easy to erect framing systems

BENEFITS

- Reduced Maintenance
- Aids in LEED™ Certification
- Energy savings through reduced consumption



DESCRIPTION

The TremLock Slope Framing Roof System is a versatile retrofit structural solution designed to enable the efficient installation of two standing seam roof systems over an existing flat roof or one with minimal existing slope. The system also accommodates the TremLock VP versatile architectural roof system designed for higher slope applications.

BASIC USES

The TremLock Slope Framing Roof System is designed to be installed over any flat BUR or membrane roof having a substrate of metal, wood, or concrete. The TremLock Slope Framing System is an assembly of quality components, assembled in the field to achieve the desired slope. Field cutting vertical components allows the contractor to make adjustments in the field due to inconsistencies in the existing roof surface.

The recommended slope range of this system is ¼":12 through 6 ½":12. Maximum height of the Slope Framing Roof System above the existing roof plane shall be 15'. The TremLock Slope Framing Roof System has been designed in accordance with the 1986 American Iron and Steel Institute (AISI), the 9th Edition of the American Institute for Steel Construction (AISC), and in accordance with reliable engineering methods and practices.

SYSTEM DESIGN

The design loads (uniform and concentrated, gravity and wind) shall be applied to the TremLock Slope Framing System. The TremLock Slope Framing System will transfer these loads to the existing structure. This load transfer will result in concentrated loads being applied to the existing structure. Tremco will not be held responsible for the structural integrity of the existing structure due to the additional load of the system into the existing structure. A professional Structural Engineer should review the existing structure to determine the structural integrity. The TremLock Slope Framing Roof System requires that a 3" minimum layer of blanket insulation be used between the roof panel and the retrofit purlin to control condensation and dampen roof vibration and noise. Also it is recommended that the newly created attic space be properly vented to allow trapped moisture to escape and the existing roof to dry properly.

APPLICATION

Refer to Installation Manual for application data.

MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



Roofing & Building Maintenance

www.tremcoroofing.com

3735 Green Road
Beachwood, Ohio 44122
1.800.852.6013

50 Beth Nealson Drive
Toronto, Ontario M4H 1M6
1.800.668.9879

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