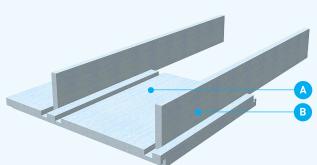
SR.FOOTING

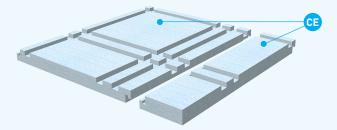
CONTINUOUS FOOTING EXPANDED POLYSTYRENE RIGID INSULATION

The SR.Footing[™] panels produced by Styro Rail Inc. are composed of type 3 expanded polystyrene [EPS] rigid insulation and offers a compressive strength of 276 kPa [40 PSI].

AVAILABLE DIMENSIONS

- A Base Panel
- **B** Side Panel
- **CE** Exterior Corner Panel
- CI Interior Corner Panel





CHARACTERISTICS

SUITABLE FOR 762 MM [30"] OR 914 MM [36"] WIDE FOOTINGS

COMBINATION OF THE INSULATION AND FORMWORK STEPS

G-LOCK™ SPECIAL SHIP LAP JOINTS ENSURING A SOLID CONNECTION BETWEEN THE PANELS

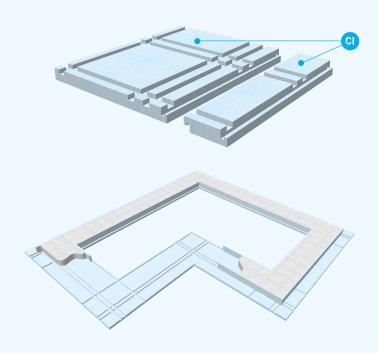
ELIMINATES THERMAL BRIDGES BY A CONTINUOUS INSULATION UNDER THE FOOTING

VERY HIGH COMPRESSIVE STRENGTH

INERT MATERIAL WHICH DOES NOT CONTAIN ORGANIC MATTER - NOT-AFFECTED BY SOIL OR GROUNDWATER

100% RECYCLABLE MATERIAL

MEETS CAN/ULC-S701. 1 STANDARD





SR.F00TING™	CONTINUOUS FOOTING EXPANDED POLYSTYRENE RIGID INSULATION
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AVAILABLE DIMENSIONS

Base Panel [A]	105 mm x 1219 mm x 1524 mm	[4- ¹ / ₈ " x 48" x 60"]	R17.7
Exterior Corner Panel [CE]	105 mm x 1524 mm x 1524 mm	[4-1/8" x 60" x 60"] - 2 parts	R17.7
Interior Corner Panel [CI]	105 mm x 1524 mm x 1524 mm	[4-1/8" x 60" x 60"] - 2 parts	R17.7
Side Panel [B]	64 mm x 305 mm x 2438 mm	[2-½" x 12" x 96"]	R10.0
	64 mm x 406 mm x 2438mm	[2-½" x 16" x 96"]	R10.0

G-Lock[™] ship lap joints on two sides. Other compressive strenghts available upon request.

RECOMMENDED USE

Install SR.Footing™ panels on non altered soil before pouring the footings concrete in order to limit the frost penetration. Suitable for a 762 mm [30"] or 914 mm [36"] footing.

Use the 762 mm [30"] or [36"] grooves to insert the side panels SR.P200™ or to insert 64 mm [2-½"] thick ICF panels. Suitable for 267 mm [10-½"] to 368 mm [14-½"] thick footings. Ideal when a very high compressive strength is requested.

CERTIFICATION

Warnock Hersey has certified the type 3 expanded polystyrene contained in $SR.Footing^{TM}$ panels in accordance with the CAN/ULC-S701.1 standard. The type 3 expanded polystyrene produced by STYRORAILTM is listed in the CCMC Registry of Product Evaluation under CCMC 13277-L.

SR.FOOTING™ CONTINU	OUS FOOTING EXPANDED POLYSTYRENE RIGID INSULATION
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PHYSICAL PROPERTIES

INSULATING PANEL	
Туре	3
Thermal Resistance Min. [ASTM C518] Thickness of 25 mm [1"]	RSI 0,76 [R4.3]
MVTR Max. [ASTM E96]	130 ng/Pa-s-m ² [2.27 US Perms]
Compressive Strength Min. [ASTM D1621] 10% Deformation	276 kPa [40 PSI]
Flexural Strength Min. [ASTM C203]	414 kPa [60 PSI]
Water Absorption Max. [ASTM D2842] Volume	1.5 %
Dimensional Stability Max. [ASTM D2126] Linear Variation	1.5 %
Limiting Oxygen Index Min. [ASTM D2863]	24 %
Density Min. [ASTM C303]	39 kg/m³ [2.4 lbs/ft³]
Flame Spread Rating [CAN/ULC S102.2]	145

SR.FOOTING™

CONTINUOUS FOOTING EXPANDED POLYSTYRENE RIGID INSULATION

ENVIRONMENTAL DATA

The expanded polystyrene used in the making of the SR.Footing™ panels are composed of 98% air and 2% plastic material. They are manufactured without HCFC, HFC gases and without HBCD flame retardant.

The STYRORAIL $^{\text{TM}}$ products can contribute to LEED credits.

Please send us your LEED Material Declaration Form at projetleed@styrorail.ca.

STORAGE

Store SR.Footing™ panels in a dry and ventilated location, protected from the outside elements, ultraviolet rays, open flames or other sources of ignition. Stack panels on pallets of minimum 100 mm [4"] over the ground.

INSTALLATION

Panels must be dry and in good condition before installation.

To limit the color loss from UV exposure, cover the installed **SR.Footing™** panels with an exterior cladding protecting them from ultraviolet rays.

Refer to the *Installation Guide* for more information.

LIMITATIONS

Expanded polystyrene is combustible. Even if expanded polystyrene contains a flame retardant, limit use of open flame or ignition sources near product.

Expanded polystyrene may be affected by some oil based solvents.

EXEMPTION OF LIABILITY

The information herein is based on the present state of our best scientific and practical knowledge. The user is responsible for checking the suitability of products for their intended use. STYRORAIL™ technical data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.