

# Corrugated Sheets 1 1/4" x 1/4" [32 x 6 mm]

**Description**

Insu-W-Rapid BV 1 1/4" x 1/4" corrugated sheets are engineered to be used as insulation jacketing for large bore diameter piping, equipment and towers, providing additional strength when compared to flat sheets.

The entire range of jacketing materials can be converted into 1 1/4" x 1/4" corrugated sheets, such as:

- Stainless Steel Type 304 and Type 316/316L
- Aluminium
- Metallic coated steels

All of the above in a painted or Tedlar® coated version and any of the above stucco embossed. For our entire range of jacketing materials, please revert to their respective data sheets.

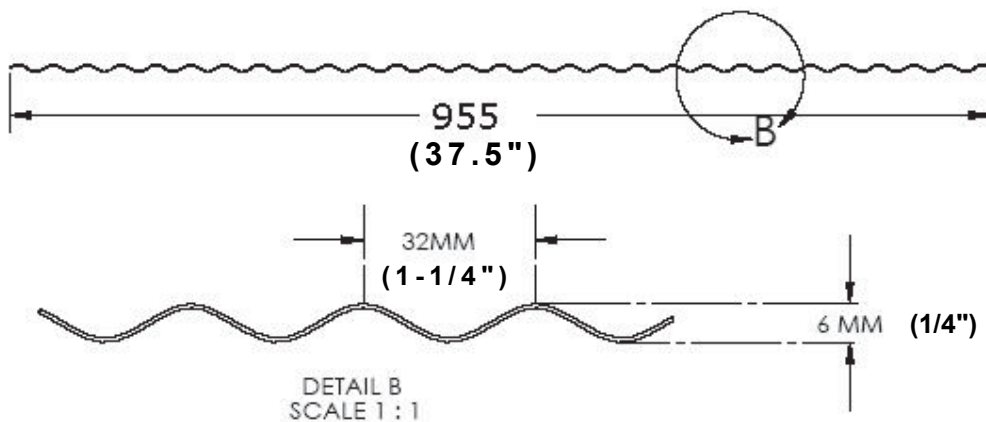
**Available dimensions**

Aluminium	up to 0.050" (1.3mm) (t)
Stainless Steels	up to 0.040" (1.0mm) (t)
Steel	up to 0.040" (1.0mm) (t)

Material width is 37.5" (955mm) after rollforming. Standard Lengths are 10'-3" (3124mm) and 12'-6" (3810mm).

Since the material is continuously rollformed, sheet lengths up to 26'-0" (8000mm) can be manufactured. Minimum quantities may apply.

**Profile 1 1/4" x 1/4" – cross section**



## Painting

A wide range of painting systems is available, such as acrylic, polyester and PvdF, either on the exterior surface or both surfaces. Painting enhances the emissivity of the jacketing which is advantageous for cold insulation systems.

## Tedlar®

Insu-W-Rapid BV can apply a grey Tedlar® films to the exterior surface of aluminium jacketing, as well as stainless steel. It is applied by bonding metal and Tedlar® film by means of permanent adhesives. The grey Tedlar® enhances the emissivity of the jacketing (>0,85), and blocks all of UV and visible light. It provides outstanding resistance against fading, cracking and corrosion. It is almost chemically inert and has excellent release properties.

## Embossing

Material can be stucco embossed up to 1250 mm(w) and 1,5 mm thickness. Stucco embossing reduces glare and makes the metal less susceptible to finger print staining and reduces the appearance of scratches.

## Moisture Barrier / Retarder

Insu-W-Rapid BV can apply a Polykraft or Polysurlyn® Moisture Retarder in their ISO9001:2008 certified plants to all commercially available aluminium alloys (such as 1050, 1060, 3003, 3005, 3105, 5049, 5052, 5754 etc.), as well as to other metallic substrates such as stainless steels and coated steels.

## Packaging

Material supplied in sheets, packed in stacks, banded onto wooden beams. Full export packing upon special request.

Tedlar® and Surlyn® are DuPont Trade Marks.

IMPORTANT: Insu-W-Rapid BV warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. We make no other warranties and expressly disclaim any warranties of merchantability or fitness for a particular purpose. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. No guarantees for completeness, accuracy or results is expressed nor implied. The suitability of the product to an intended use is the sole responsibility of the user. Since material choice and application method are beyond our control, we accept no liability for direct or consequential damages.

Datasheet "Corrugated Sheets 1 ¼" x ¼" [32 x 6 mm]" – April 2012 – V1.0