

Installation Workshop



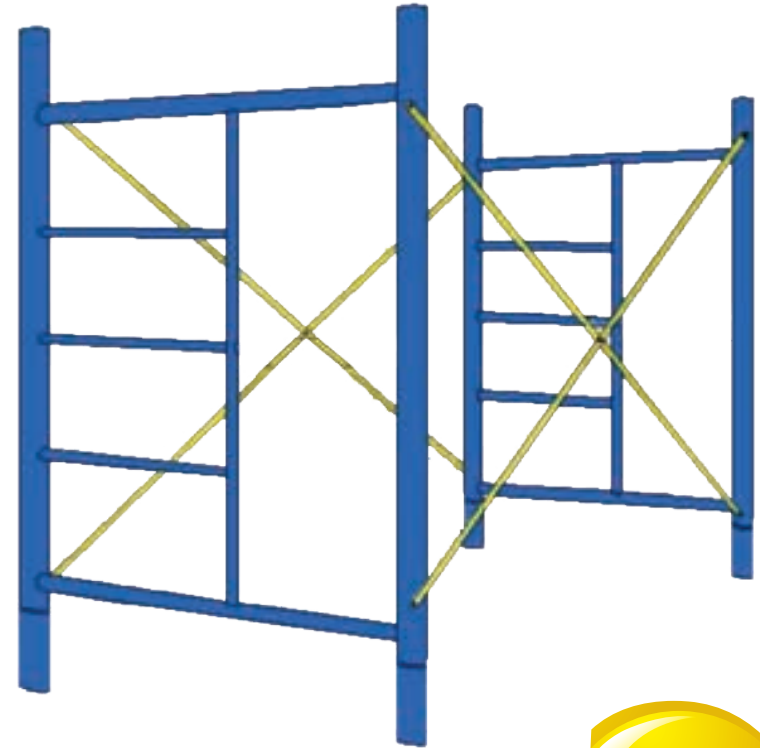
Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet

Necessary Tools



Necessary Equipment



Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



Recommendation on the Thickness of the Foam According to the Distance between Support Beams

Before selecting the appropriate insulator for your building, you must establish the distance between support beams.

The following are recommended for the distance between support beams:



Thickness of the foam

3 mm Support beams from 0 to 1.20 meters

5 mm Support beams from 1.20 to 2.20 meters

10 mm Support beams from 2.20 to 3.50 meters



TYPES OF INSTALLATIONS



Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



EXISTING BUILDINGS

Installation under the nailer

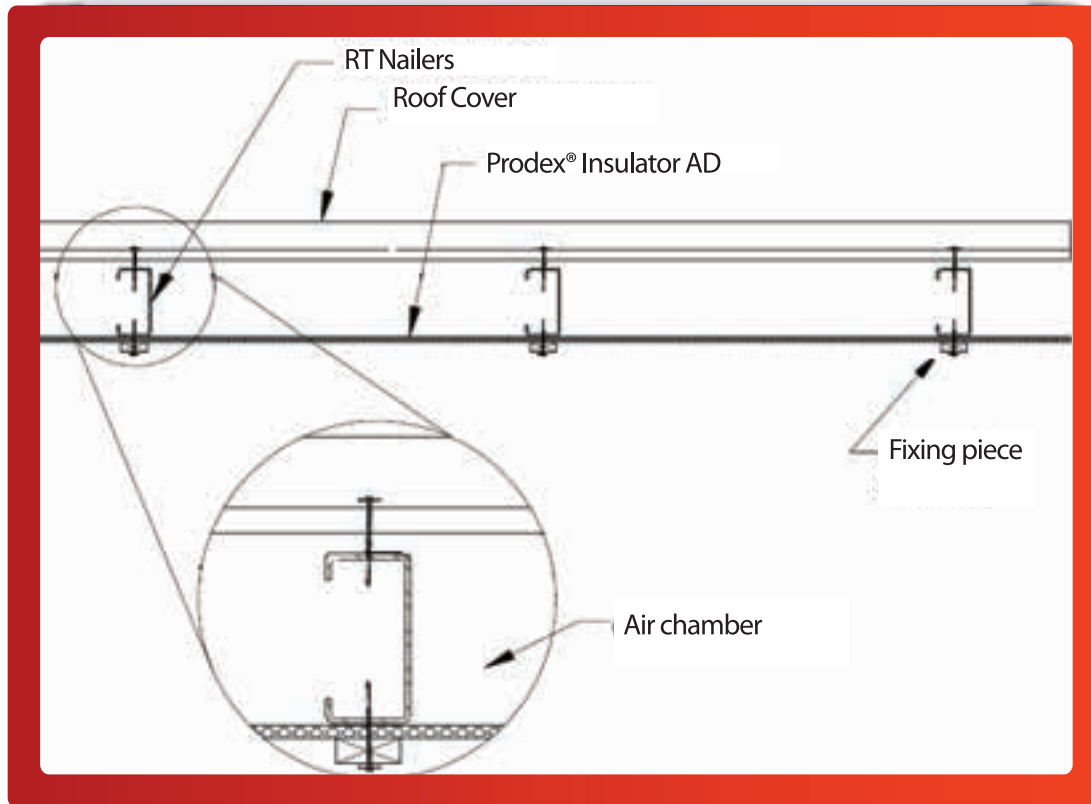


Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



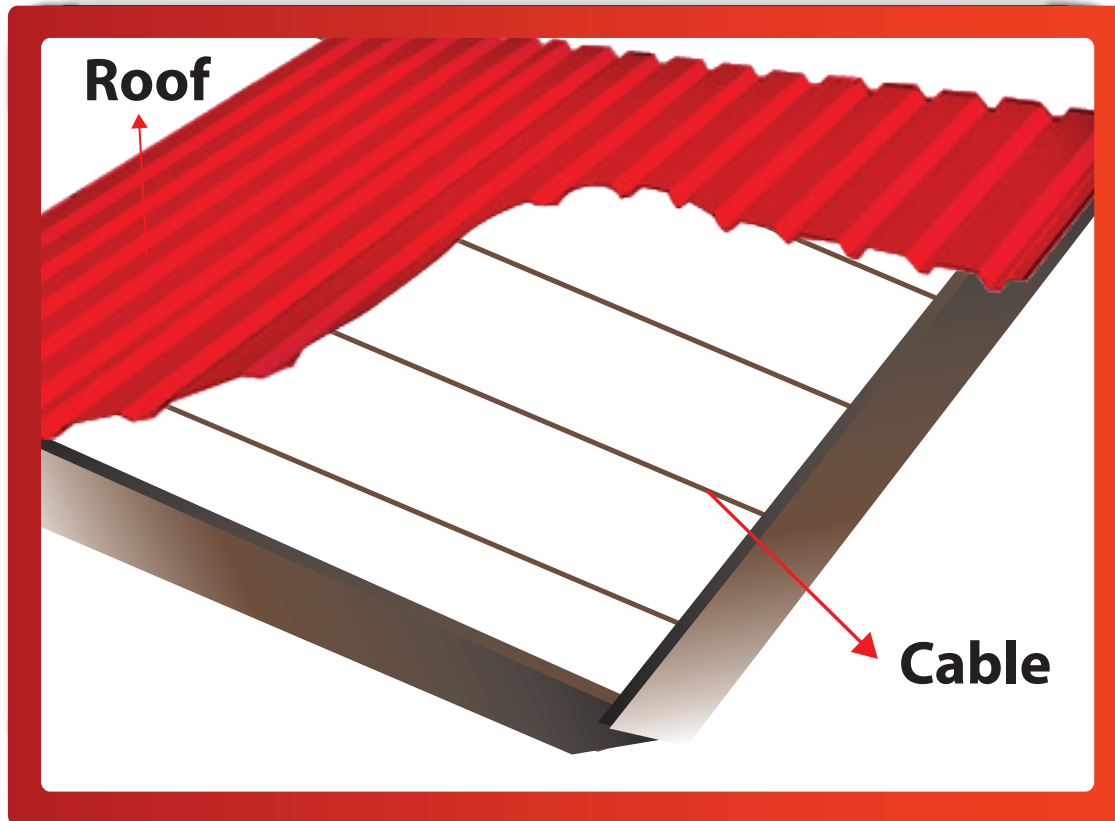
Installation under the nailer



There are cases where, due to the constant production process, it is impossible to build the roof cover. For these cases, Prodex® offers products and solutions to insulate your building from radiant heat.



Placing Plastic Cables or Strips

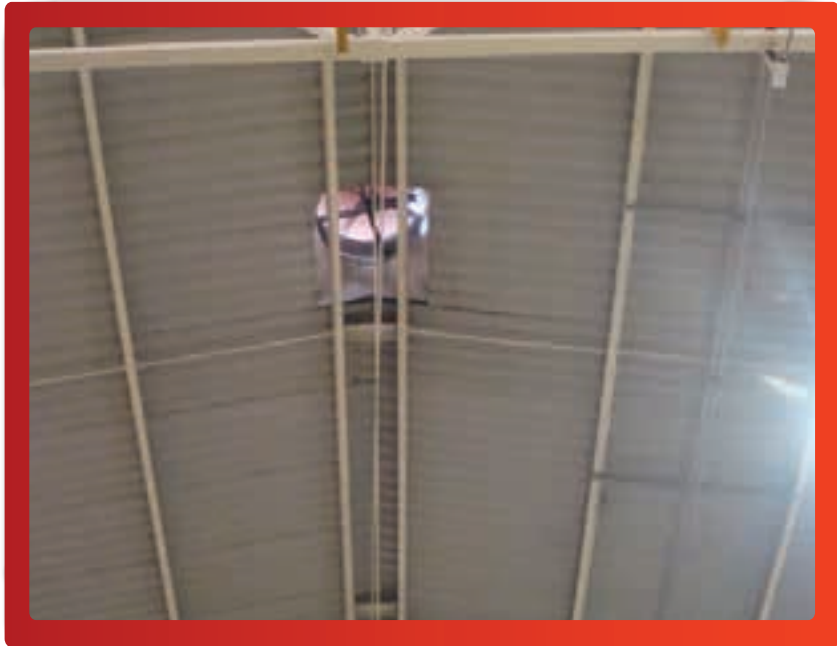


Cables or strips are placed along the roof fall within a 2 meter distance each, between cables.



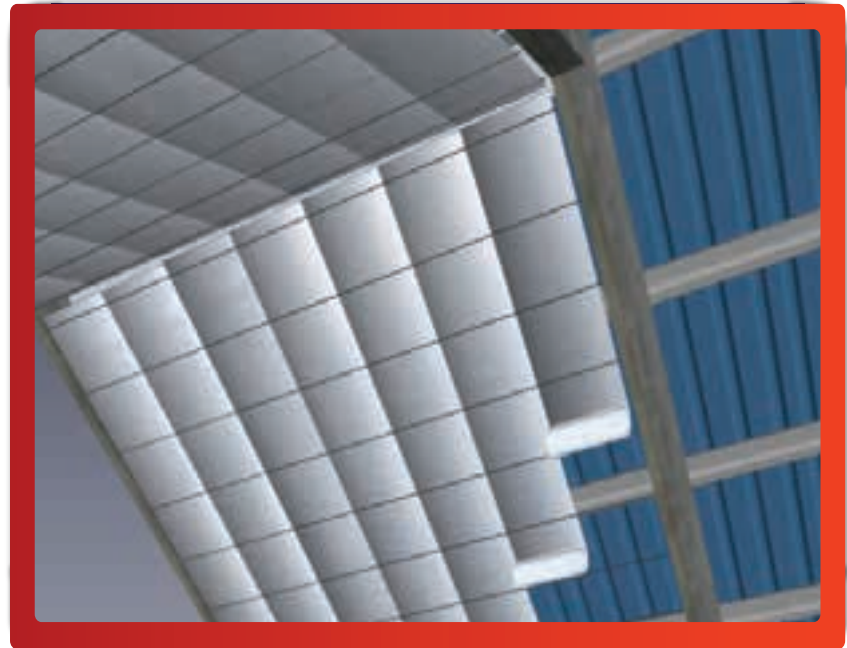
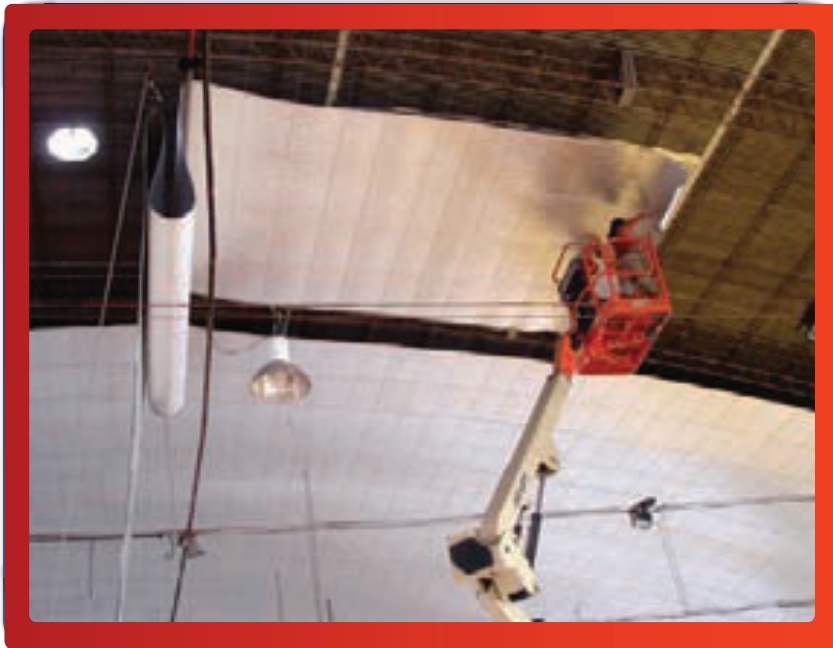
Isolation of Ridges and Monitors

**The distance between each support is measured,
and Prodex® is placed along the ridge.**

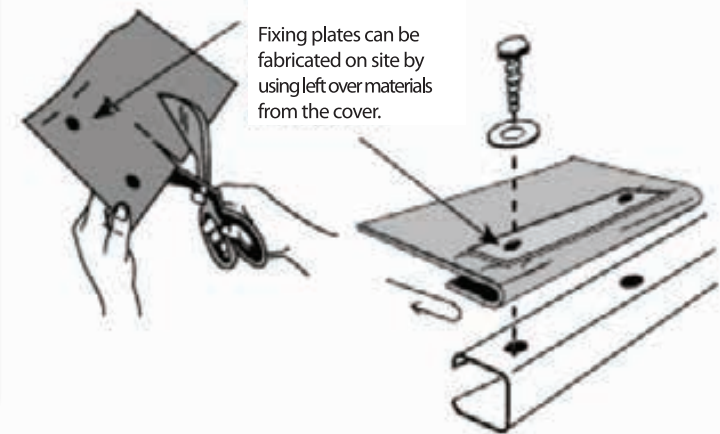


Attaching Rolls

Rolls are placed under the wires from the bottom to the top of the roof.



Attaching the Roll to the Edge of the Roof Fall



Use of Plastic or Metal Strip

Prodex® insulation can be placed with plastic strips instead of galvanized steel cables, you must be careful to install strapping with UV protection.

It should be placed every 2 meters between strips, at a maximum.



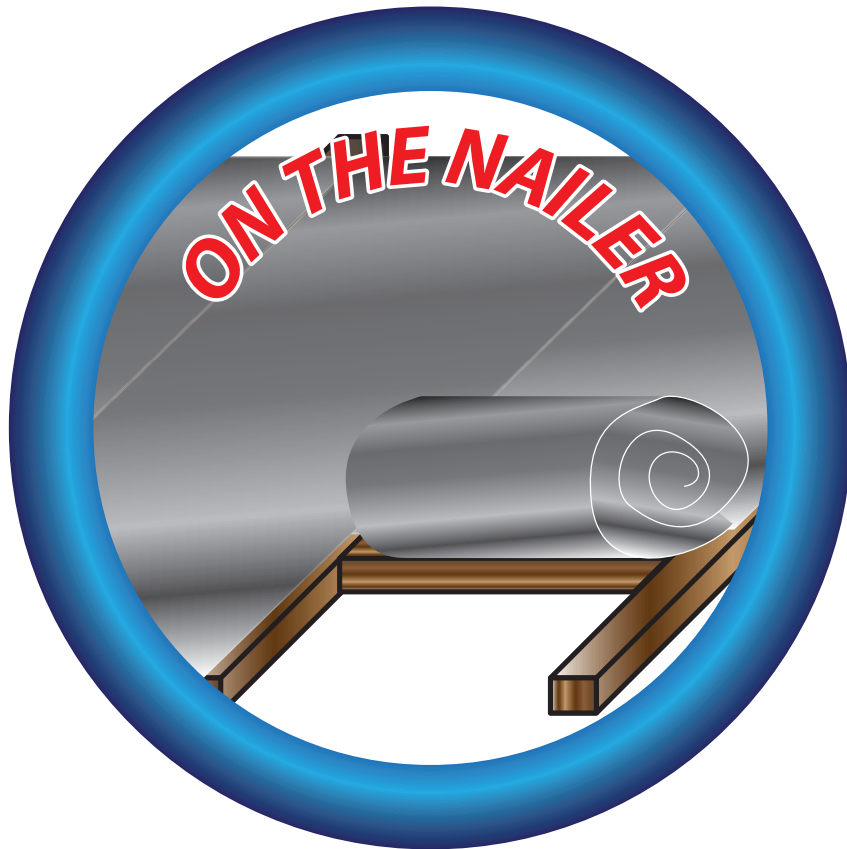
Installation of a Strip

The strip is placed once the insulator is fixed to the end of the structure, as it moves to the ridge or to the end of the structure start installing the strip according to the distance between purlins



NEW BUILDINGS

Typical installation on the nailer

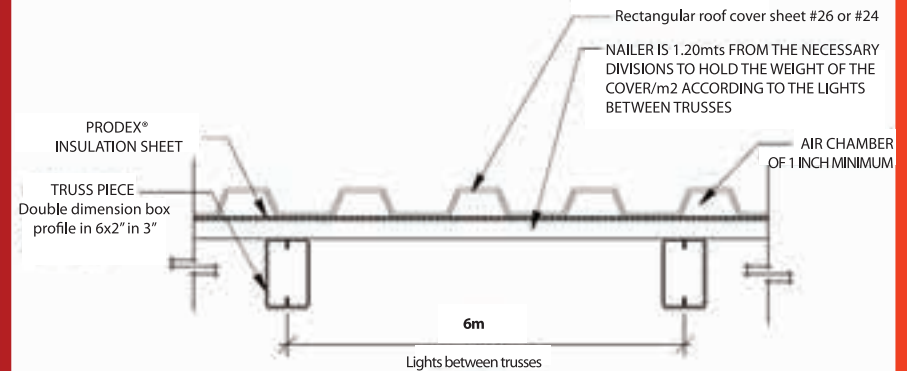
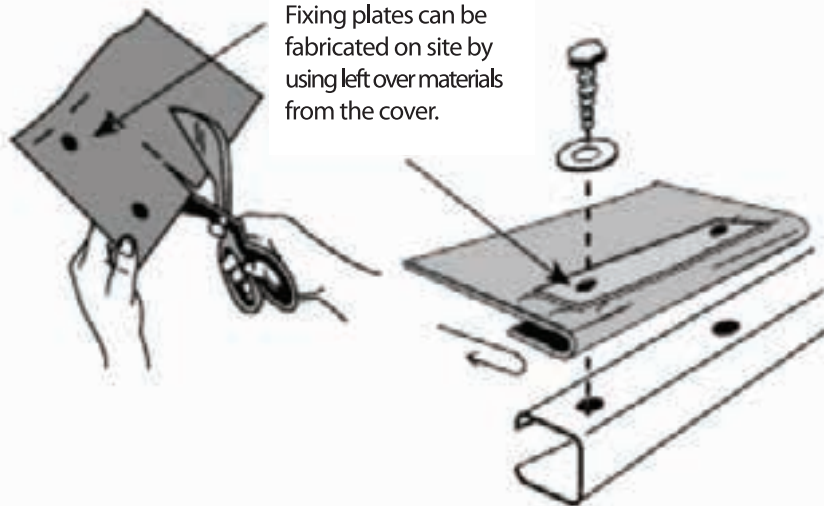


Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



Fixing Plates on the End of the Structure



CLOSER LOOK AT AN ISOLATION SHEET OVER NAILERS ON AN INDUSTRIAL BUILDING

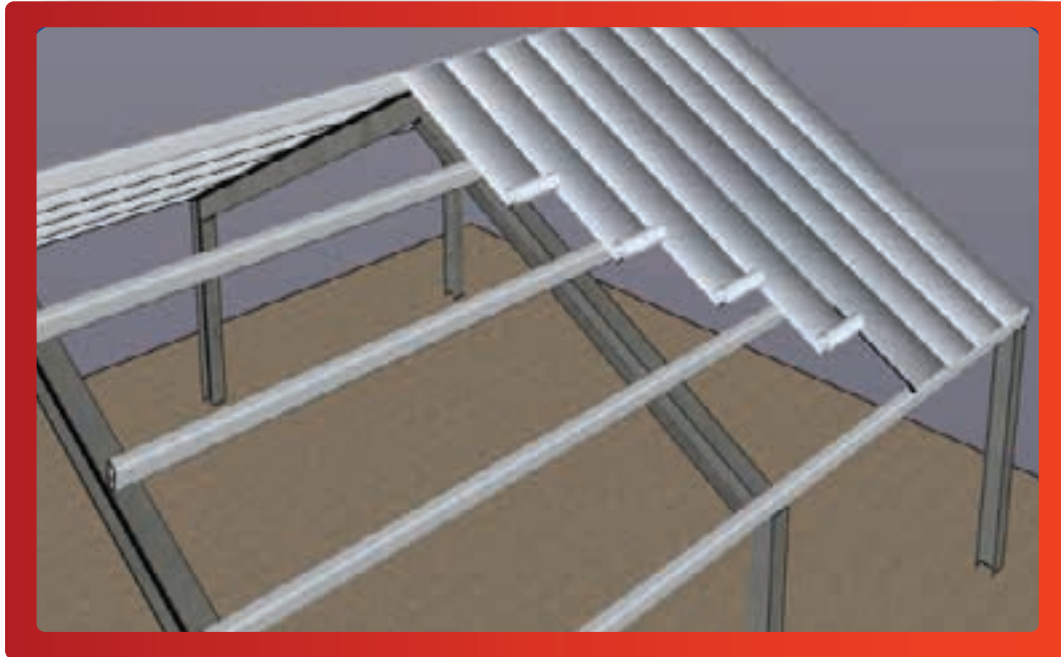


Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



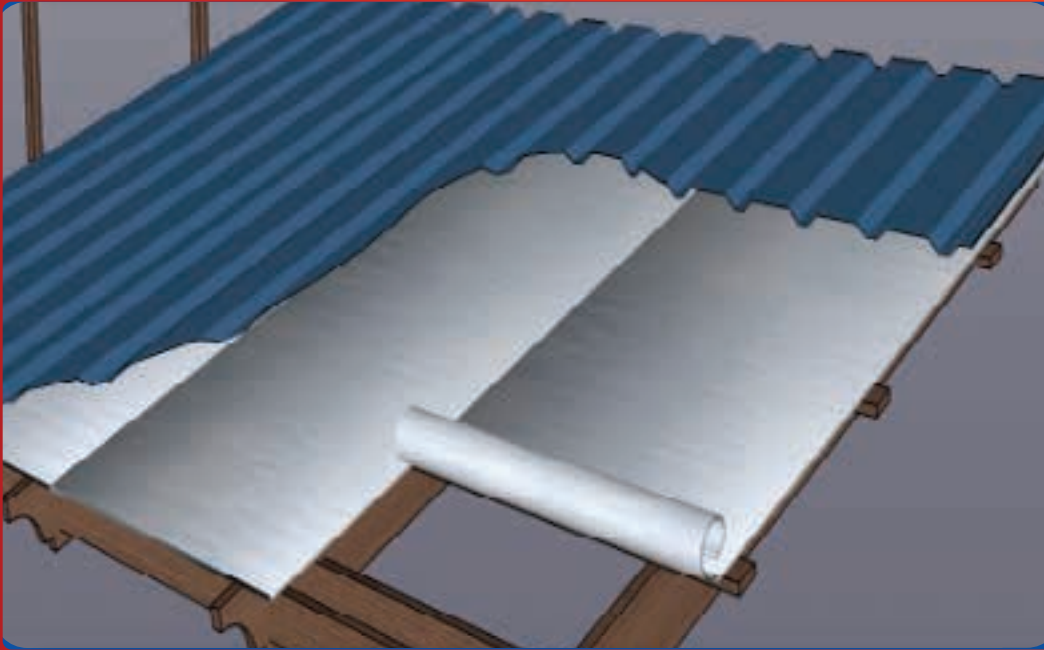
Length and Orientation of Prodex® Rolls



The rolls should be placed from one end where water falls, transversely cross the building going above the ridge and finish at the edge of the other water fall.



Attaching Decks



Stretch rolls over the nailers before placing the roof deck sheets.



Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



Demonstration Video AP 10



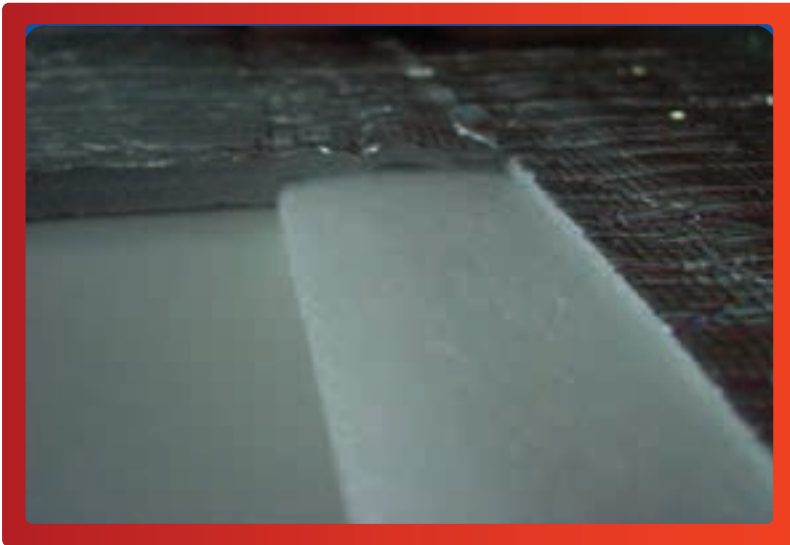
Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



General Measurements

- ✓ The rolls are 1.22 m with an effective width of 1.17m
- ✓ There should be an area of 5 cm overlapping between rolls to avoid hot air from getting in.



Fast Action



REQUEST OUR 2 PRODUCTS WITH TAPE INCLUDED

You can ask for 3mm and 5mm Fast Action included products, with quick and easy installation. They reduce the costs of labor, materials and tools.

Types:

APF = Aluminum + Polyester + Fast Action

ADF = Aluminum + Aluminum + Fast Action



Fast Action Demonstration Video



Contact Cement Use (Yellow Glue)

Products AP and AD, 3mm and 5mm thick, can be transversally joined by using contact cement to obtain total protection against radiant heat, also guaranteeing the irradiated heat from the roof does not go into the building.

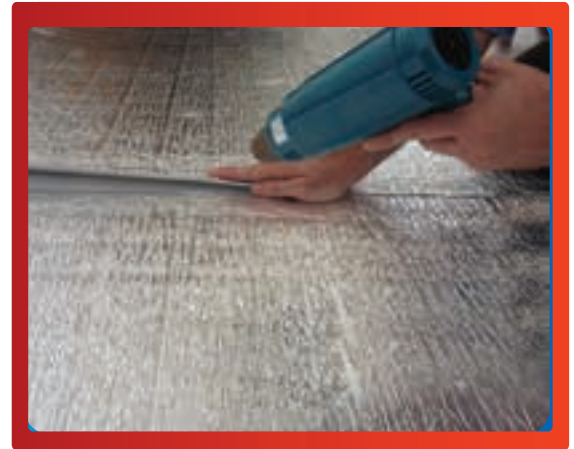


Contact Cement Demonstration Video



Use of Thermo Welded Overlapping

Products AD and AP, 10mm thick, are transversally joined by the melting process of foam (thermo welding) caused by the hot air gun. Rolls are fabricated with 5mm thick 5cm wide tongue and groove allowing the insulator to be fully aligned when installed along the roof, offering an excellent finishing touch and guaranteeing 100% waterproof seal.



Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



Thermo Welding Demonstration Video



SECURITY GUIDELINES



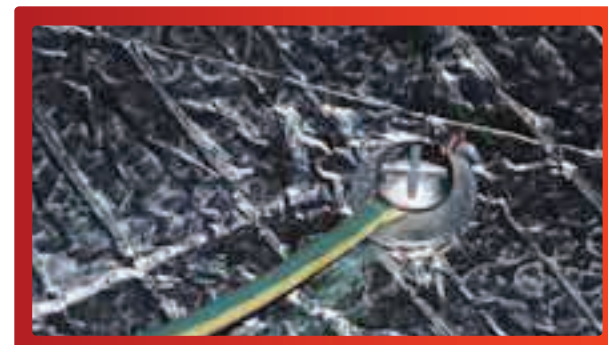
Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



Security Guidelines

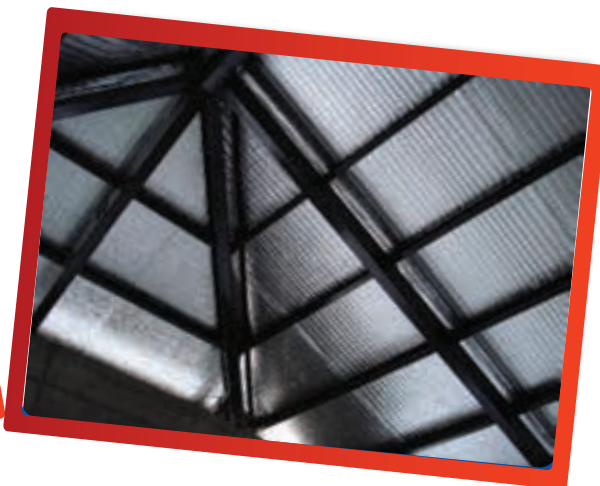
- 1** Being aluminum an energy conductor, it is necessary to ground the material at the distribution board.
- 2** Both sides of Prodex® aluminum must be grounded at some point of the roof.
- 3** The grounding must be made by fixing a bolt, a clamp or washer to the grounding cable.



Comfort in harmony with the environment

Prodex® is energy saving to benefit our planet



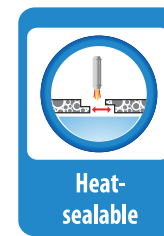
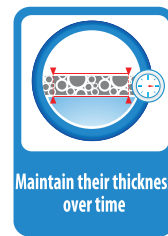


PRODEX® IS ENERGY SAVING TO BENEFIT OUR PLANET

PRODEX® insulation products are recommended for green building because they hold the most important certifications as a company focused on the conservation of the environment.

PRODEX® IS ENERGY EFFICIENT.

Our products are an opportunity to preserve energy, which have an impact on power consumption by improving the efficiency of air conditioning, refrigeration, hot water tanks and heating.



Comfort in harmony with the environment
www.prodexcr.com Phone: (506) 2438-2322

