

# Installation Guide

## Industrial\commercial\Residential Roof

Metal\Asbestos\PVC

Trusses: Metal\Wood

Retrofit

Contractor ready

DIY – Do It Yourself Ready



**Tools:** Cutting knife, measuring roll, staple gun + 12mm pins, Driller or electric screwdriver.

**Installation Accessories:** wooden strips or metal C shape strips, self tapping screws, Polynum or equivalent joints sealing tape

**Recommended** to us protective glasses

**Products range:** All Polynum™ products

**General:** In many events, changing roof is troublesome and can cause serious headaches. If structure permits, adding roof top can overcome leakages, rust, and insulation concerns. As being thin and light weight, acting as vapor barrier, Polynum is a classical solution for add-on roof top.

**Step1:** Fix with self tapping screws your choice of suitable furring material across the existing roofing sheets. Use 65cm (2 feet) intervals between furring. Take extra caution when stepping on existing roof sheets. Using pre-made ramp is recommended.

**Step 2:** Unwrapped Polynum insulation from its original packing. If possible, it is easier to pre-cut required Polynum length with an extra 20cm (8 inches) for each shred. Measure the required length following roof width and shape.



**Step 3:** Lay Polynum over the roof across the furring lines. Cover the roof ridge and continue toward roof end. Pull Insulation tight across furring strips creating an air space between old roofing and Polynum Insulation.

**Step 4:** Fix Polynum onto the furring using staple gun at 12mm pins. If using metal furring, use self tapping screws. Ensure fixing in each furring.

**Step 5:** A 50mm (2 inches) overlapping shall be created during the installation. Ensure to fix pins or screws on overlapping line (joints) to fasten Polynum shreds.

**Step 6:** Ensure to staple both Polynum joints together. Upon finishing each shred, use Polynum all weather heavy duty closing tape to seal the joints.

**Step 7:** Attach new roof panels over insulation as typically installed and instructed by the roof supplier.



- Polynum™ installation process is clean, fast and efficient
- Polynum™ required less labor and less time covering similar area compare with bulk insulation
- Polynum™ can be installed anywhere in the buildings.
- Polynum™ only required measuring tape, cutting knife, ducting tape and pair of hands...
- Polynum™ can be left exposed for the installation duration. No need extra cover or handling.
- Polynum™ can be shaped and cut to size, reduced wastage!
- Polynum™ requires no gloves or special protection aids.
- There are almost no limitations to where Polynum™ can be used

