

Metal Roof Underlayment

Why use an underlayment?

Metal roofs are expensive but are meant to last for many decades. They are meant to be very low maintenance. A roof underlayment is used to act as a watershedding, secondary line of defense against moisture infiltration. This is a "belt and suspenders" approach to roofing.

What types of underlayments are available?

Underlayments can be divided into two categories; mechanically fastened felt and self-adhesive membranes.

What is the difference?

Felt is meant to be only water shedding, not waterproof. Felt does not prevent moisture infiltration caused by water running up hill under a pressure difference and does not seal around fasteners. Good self-adhesive membranes seal on overlaps and self-seal around fasteners.

Can an underlayment serve as a temporary roof?

Yes. Self-adhesive membranes bond to the substrate to keep water out and can be left exposed for several weeks while the rest of the roof system is installed.

Felts are not very durable when left exposed. Felts are subject to tears caused by wind. Wet and dry cycles cause felts to wrinkle and will absorb moisture over time. Moisture absorption is increased by the bleaching effect of the sun on exposed felts. Trapped moisture also causes premature rusting of the metal.

Does Bakor offer underlayments?

Yes. Bakor offers two types of self-adhesive underlayment. Perma-Seal™ FG is fibreglass reinforced underlay. Features include split back release film for ease of application and a 75mm wide self-adhesive selvage. The top surface is lightly coated with sand for slip resistance and safety. All of these features make Perma-Seal™ FG the easiest to install underlayment on the market.

Blueskin® PE 200 HT is reinforced with tough cross-laminated polyethylene film. The top surface is also skid resistant and comes in a light Blue colour to reduce heat absorption while it is exposed. Lower heat absorption aids in worker comfort and productivity as well. <>