

RAPTOR[®]

SYNTHETIC UNDERLAYMENT

Someday, all underlayment will be like Raptor

Why wait?

Find A Location Near You At www.RaptorUnderlayment.com

Technical Information:

ICC ESR #3624 Find Information Here www.icc-es.org/Reports/pdf_files/ESR-3624.pdf

Meets or Exceeds ASTM D226, D4869, D1970, D146

Class A Fire Rated with Asphalt Shingles ASTM E108-11

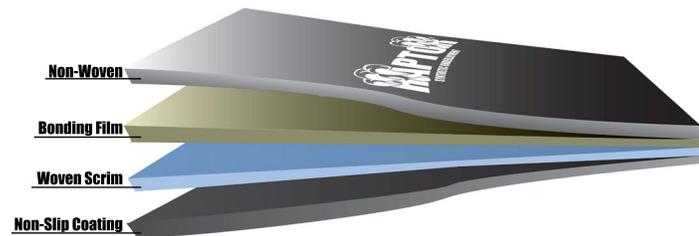
Perm rating .061 ASTM E 96

Weight 27# Per 10 square roll

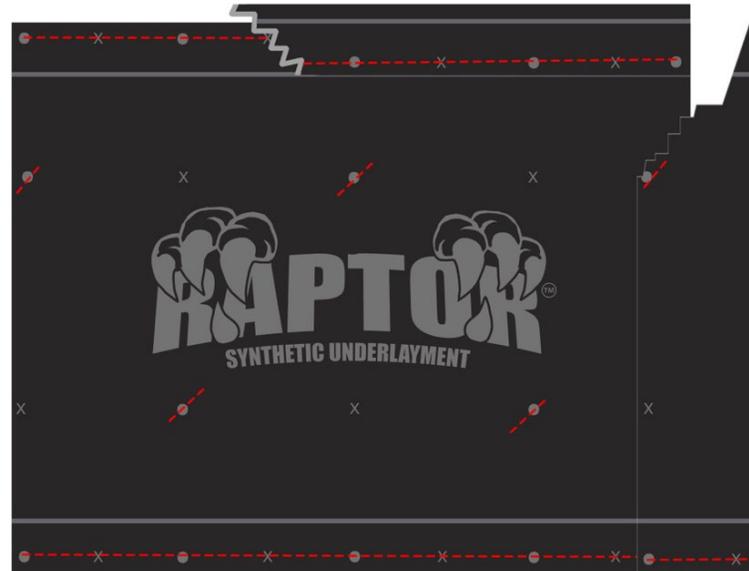
Sizes-4' x 250', 5' x 200', 10'x100'

18"x500' utility roll for cedar shakes & temporary ridge covering

Raptor 4 Layer Construction



Nailing Pattern For Raptor In Normal Conditions
Using Regular Roofing Nails or Cap Nails



Recommended Stapling Pattern For Raptor
Use as few staples as possible and cover same day with shingles.

Features:

Non-woven surface layer provides incredible traction, wet or dry.

Lays flat and stays flat - will not buckle when wet

UV Exposure allows Raptor to be left exposed for six months, even with regular roofing nails

25 year limited material warranty

Will not tear easily, reducing blowoffs and allowing fewer fasteners

Preferred fasteners are regular roofing nails, coil or hand driven, and cap nails.

Staples may be used if no threat of rain, or shingles will be installed same day.

Raptor is suitable for any pitch greater than 4/12.

For 2/12 to 4/12 special application techniques are needed to install Raptor

Imagine a roofing underlayment you can install with regular roofing nails. That won't tear easily or blow off the roof. That lies flat and stays flat, with a black surface that dries off quickly and shows chalk lines clearly. An underlayment with incredible traction, wet or dry.

Now imagine all of this for less than the cost of #30 asphalt saturated felt.



Imagine **Raptor Synthetic Roofing Underlayment®**

Raptor is a unique combination of woven polypropylene, binders, tackifiers, and non-woven polymers. Lightweight but tough, Raptor has incredible traction, wet or dry and has an aggressive tear strength and will not blow off the roof.

Rofer Friendly

Raptor was designed specifically for roofing contractors. It was designed to keep roofer's on the roof and has incredible traction, wet or dry.

Regular roofing nails and cap nails provide the best protection from water infiltration, and are the preferred fastener for Raptor. Staples can be used, but only if you plan to roof the same day. Staples will leak when exposed to extended periods of rain. Fasteners should be concentrated in the horizontal laps, and placed sparingly in the field.

Raptor is black by design. The dark surface will dry off quickly and show chalk lines clearly, yet Raptor's low mass keeps the surface much cooler than asphalt saturated felt.

Raptor weighs only 27 pounds for a 10 square roll. Easier to carry and fewer trips up the ladder. Available in 18", 4', 5' and 10' widths, Raptor installs much faster and uses fewer fasteners than standard felt.



Builder Friendly

Because of its durability and resistance to tearing, Raptor can be left exposed for up to 6 months. That means no more torn or missing felt to replace before the shingles can be installed.

Raptor lays flat and stays flat. No more wrinkles telegraphing through today's lighter weight shingles.

Raptor is a suitable replacement for #15 and #30 felt in any roofing application.

Don't let bad things happen to your good roof!



Raptor won't blow off, and won't leave the roof exposed.

Home Owner Friendly

Raptor can act as a secondary leak barrier in the event of a blow off.

Raptor's extreme toughness and stability will last for the life of the roof, with an aggressive tear strength that will offer solid coverage if the roof becomes exposed.