

COST COMPARISON

Stego Wrap vs. Generic Polyethylene (DPM/DPC)

Estimated Installed Costs with Accessories

From the Rawlinsons Handbook

PRODUCT / SYSTEM	INSTALLED COST
Dampstop 2 layers 250micron, with 25mm sand blinding layer	\$11.50 / metre ²
Rhino Polythene 250micron, with 25mm sand blinding layer	\$9.80 / metre ²
Black Polythene 250micron, with 25mm sand blinding layer	\$8.50 / metre ²

We think the Rawlinsons cost estimates are too high. We contacted three quantity Surveyors in the North and South Islands, and averaged the costs. Below is where we think the costs are.

PRODUCT / SYSTEM	INSTALLED COST
Stego Wrap Vapour Retarder (0.25mm) installed, <i>no</i> sand blinding required	\$4.32 / metre ²
Stego Wrap Vapour Barrier (0.38mm) installed, <i>no</i> sand blinding required	\$6.55 / metre ²
Generic Polyethylene (DPM/DPC) 0.25, with 25mm sand blinding layer	\$6.50 / metre ²
Dampstop 2 layers 250micron, with 25mm sand blinding layer	\$10.68 / metre ²

System Cost Considerations

- 25mm of sand blinding is often placed beneath generic polyethylene DPM/DPC in order to protect it from puncture or tearing during installation or during the pour from the likes of laser screeds, pumps, or pump hoses.
- As you can see from the above costs, Stego Wrap has a considerably less expensive installation cost due to the fact that Stego Wrap does not require sand blinding because of its superior puncture and tear resistance.

Benefits of Stego Wrap

- Stego Wrap products meet ASTM E1745-11, a standard specification created and maintained through ASTM International for below-slab vapour retarders and barriers.
- Stego Wraps are engineered to meet the most stringent strength requirements per ASTM E145-11 and thus resist damage during installation exceptionally well. As a result, sand layers employed as a means of cushioning Stego Wrap are often unnecessary and not required by Stego Industries when installed in accordance with Stego's published installation instructions.
- Therefore, as an overall system, the use of Stego Wrap may provide a number of benefits:
 - **Cost:** A Stego Wrap vapour-proofing system can be less expensive than systems which require the use of a sand blinding layer.
 - **Liability:** Many generic polyethylene DPM/DPC products do not comply with ASTM E1745-11. This may be an indication that they are ineffective in a below-slab moisture protection application; all Stego Wraps comply with ASTM E1745-11.
 - **Performance:** Whereas many generic polyethylene DPM/DPC materials may experience significant damage due to the conditions faced during installation and while in service, Stego Wraps are engineered to provide exceptional, long-term protection from below-slab water vapour migration.