

Class 1

Building Product Information (BPIR)

Owens Corning Asphalt Shingles BPIR

Declaration

The Building Agency Limited, the supplier of Owens Corning Asphalt Roofing Shingles, has provided this declaration to satisfy the provisions of Schedule 1(d) of the BPIR (Building Product Information Requirements) Regulations 2022. See regulations.

Product Details

Product name:	Owens Corning Asphalt Roofing Shingles
Product description and its intended use:	Owens Corning Asphalt Roofing Shingles are glass-fibre, reinforced asphalt shingles, surfaced with ceramic coated mineral chip. They are manufactured by laminating two single layers together with asphalt cement. The shingles; Duration® Premium, Oakridge® Pro Super, Oakridge® Pro 30 are available in a range of colours. Owens Corning Asphalt Roofing Shingles are available in the following sizes: • Width: 336.55 mm • Length: 984 mm • Weight: 12.6, 11.3, 10.7, 17.8 kg/m²

Supplier Details

Name:	The Building Agency Limited
Role:	Supplier
NZBN:	9429042373131
Address:	1/14 Link Drive, Wairau Valley Auckland. 0627
Website:	www.thebuildingagency.co.nz
Email:	info@buildingagency.co.nz
Phone:	09 415 2669

Manufacturer Details

Name:	Owens Corning
Location:	18th Fl. ILSONG Bldg 157-37 Samsung-dong Gangnam-gu, Seoul 135-090 South Korea

Limitation of Use

- All fixings must comply with E2/AS1 (Table 20 and 21) for the appropriate exposure zone as defined in NZS 3604:2011, section 4.
- For use where micro climatic considerations apply, (section 4.2.4 of NZS 3604:2011) refer to The Building Agency email info@buildingagency.co.nz
- Building height must be maximum 10 m and roof pitch must be no less than 9.5° and no greater than 60°

Compliance with the New Zealand Building Code

Structurers B1: Clauses

B1.3.1, B1.3.2, B1.3.3 (a, c, e, f, g, h, m, q) B1.3.4

Durability B2: Clauses

B2.3.1 (b), B2.3.2 (b)

External Moisture E2: Clauses

E2.3.1, E2.3.2

Hazardous Building Materials F2: Clause

F2.3.1

Basis of Compliance

Structure B1:

B1.3.1, B1.3.2, B1.3.3 (a, c, e, f, g, h, m, q) B1.3.4. Manufacturer confirms Oakridge and Duration shingles are to ASTM D228, ASTM D3018, ASTM D3161, ASTM D7158, ICC-ES AC438, PRI ER 1378E01 [Owens Corning Roofing and Asphalt, 10/2019a; 10/2019b; 10/2019c]. Refer to www.thebuildingagency.co.nz - Alternative Solution

Durability Performance B2:

B2.3.1 (b), B2.3.2 (b) Manufacturer confirms Oakridge, and Duration shingles are to ASTM

D228, ASTM D3018, ASTM D3161, ASTM D7158, ICC-ES AC438, PRI ER 1378E01 [Owens Corning Roofing and Asphalt, 10/2019a; 10/2019b; 10/2019c]. > Product information meets or exceeds specifications of BRANZ Bulletin Issue 385 Asphalt Shingle Roofing [May 1999] with respect to roof pitch, substrates/substructure, laying procedure, fixings, ridges, hips, valleys and flashings [Owens Corning Roofing and Asphalt, 10/2019a; 10/2019b; 10/2019c].

External Moisture E2:

E2.3.1, E2.3.2. Manufacturer confirms Oakridge, and Duration shingles are to ASTM D228, ASTM D3018, ASTM D3161, ASTM D7158, ICC-ES AC438, PRI ER 1378E01 [Owens Corning Roofing and Asphalt, 10/2019a; 10/2019b; 10/2019c]. > Product information meets or exceeds specifications of BRANZ Bulletin Issue 385 Asphalt Shingle Roofing (May 1999) with respect to roof pitch, substrates/substructure, laying procedure, fixings, ridges, hips, valleys and flashings [Owens Corning Roofing and Asphalt, 10/2019a; 10/2019b; 10/2019c]. Installing the Titanium X30 Roofing Underlayment, as per the manufactures installation guidelines and scope and limitations detailed in the Intertek Code Of Compliance Report CCRR-0381 19/08/2020 Thermal & Moisture Protection, the product will comply with the International Building Code (IBC) and International Residential Building Code (IRC) 2021, 2018, 2015.

Hazardous Building Materials F2:

F2.3.1 Manufacturer confirms Oakridge, and Duration shingles are to ASTM D228, ASTM D3018, ASTM D3161, ASTM D7158, ICC-ES AC438, PRI ER1378E01 [Owens Corning, October 2019].

Design and Installation Requirements

- The building designer is responsible for the framing design including steel or timber strength and relevant treatment requirements.
- Timber framing and substrate must be in accordance with NZS3604 or AS/NZS 1170 and treated in accordance with NZBC Acceptable Solution B2/AS1 and NZS 3602 for the building design. Substrate must be of suitable composition to meet the requirements of "Light Roof" framing in accordance with NZS3604: 2011. Total asphalt shingle and substrate mass not to exceed 20kgs/m² under this standard. A "Heavy Roof" is defined as a mass of more than 20kgs/m² but not exceeding 60kgs/m². Substrate must also comply with the requirements of AS/NZS 2269:2012 (Table 2)
- When fixed in accordance with the manufacturers and suppliers requirements Owens Corning Asphalt Roofing Shingles are suitable for use in all NZS 3064 Building Wind zones, up to and including Very High, or Extra High for Duration Premium shingles only.
- Pipe penetration flashing: Either EPDM or Butyl Rubber flashing to be cut to size and used to flash around pipe penetrations through the asphalt shingles in accordance with the manufacturers Installation Instructions & Technical Detail Drawings current at the time of installation.
- Protection or separation must be provided to Owens Corning Asphalt Roofing Shingles from heat sources such as fire places, flues and chimneys. Part 7 of NZBC Acceptable Solutions C/AS1 –C/AS6 and NZBC Verification Method C/VM1 provide methods for separation and protection of combustible materials from heat source.
- Owens Corning Asphalt Roofing Shingles are suitable for areas where buildings are designed for 1 kPa snow loading.
- Titanium X30 Roofing Underlayment is mechanically attached, synthetic and weighs 2.3kg per 9.3 sqm.
- The handling, installation and the associated accessories must be in accordance with the Installation, Design and Specification Guides in conjunction with the work safe guidelines refer to www.worksafe.govt.nz
- Fixings must comply with E2/AS1 (Table 20 and 21) for the appropriate exposure zone as defined in NZS 3604:2011, section 4.
- Roof Structure CHH Ecoply T&G 15mm & 17mm (F11 Stress Graded) DD grade or better treated in accordance with the requirements of NZS 3602:2003. Available in 2.4m or 2.7m x 1.2m wide sheets or Juken "Superstrand Sarking" 16.25mm H3.1 Treated. (Check with manufacturer for sheet sizes) BRANZ Appraisal #703 2022 must be current for this product to comply.
- Bitumen Adhesive & Sealants: Shell "Tixophalte", Holdfast "Shark Seal", SPS Brand or other bitumen based adhesive sealants that are declared by the manufacturers as being compatible and suitable for use with Asphalt Shingle roofing materials and complying with NZBC:B2 Durability B2.3.1(b). Use to provide additional cohesion for areas around valleys, penetrations, chimneys & barge flashings.
- PVC Kickout flashings: Designed to be used where roof & wall meet and the kickout flashing is a one piece stop end flashing that diverts water into the guttering at wall and roof junctions. The kick out flashing creates a downward and outward water-flow off the roof and away from the wall, preventing water intrusion at roof to wall intersections. The flashing is manufactured from UV stable PVC and is available for left hand and right hand applications.
- Pipe penetration flashing: Either EPDM or Butyl Rubber flashing to be cut to size and used to flash around pipe penetrations through the asphalt shingles in accordance with the manufacturers Installation Instructions & Technical Detail Drawings current at the time of installation.
- Protection or separation must be provided to Owens Corning Asphalt Roofing Shingles from heat sources such as fire places, flues and chimneys. Part 7 of NZBC Acceptable Solutions C/AS1 –C/AS6 and NZBC Verification Method C/VM1 provide methods

for separation and protection of combustible materials from heat source.

- When using the Titanium X30 Roofing Underlayment, its description is that is mechanically attached and a synthetic roofing underlayment, consisting of a non woven polypropylene top scrim laminated to a central non-woven polypropylene scrim with polymeric coating on the sheathing side. The Titanium X30 weighs 2.3kg per 9.3 sqm. The underlayment must be installed in accordance to the manufactures instructions (print side up, with laps required by NZBC or to which code is more restrictive) and if this product is substituted it is up to the designer/installer to make sure the substitution meets the requirements of the NZBC.

Warranty and Maintenance

- Owens Corning Asphalt Roofing Shingles are expected to have a serviceable life of at least 15 Years providing maintenance is carried out in accordance with the information provided in this document and also contained in the "Asphalt Shingle Maintenance" document refer to www.thebuildingagency.co.nz

Cleaning your Asphalt Shingle Roof

- a) Mix a solution of 1 part chlorine bleach with 3 parts of water.
- b) Apply this solution (using a low pressure hand held sprayer) over the asphalt shingles.
- c) Do not scrub the tiles, as this may remove the mineral chip, damaging the shingle.
- d) After 15 minutes, rinse the bleach solution from the roof by gently spraying with clean water.
- e) In order to prevent the return of algae, a copper or zinc coated metal strip can be installed under the top row of

shingles on either side of the ridge. With approximately 60mm exposed, rain water will run down the roof

carrying traces of the metal, killing off any algae growth.

f) Chlorine bleach (such as Janola) is available from most hardware stores or supermarkets. N.B If potable water is being collected from the roof, disconnect all down pipes prior to applying the chlorine solution. Investigate your surrounding areas that may be affected by the cleaning of your asphalt. Also, for work safety guidelines refer to www.worksafe.govt.nz

> Owens Corning Asphalt Roofing Shingles may lose some of the surface granules over a period of time. On aging some surface cracking may appear however these cracks will not affect the weather tightness of the roof covering within 15 years.

Refer to www.thebuildingagency.co.nz

Responsible Person

In accordance with Regulation 8 of the Building Product Information Requirements Regulations 2022, I confirm that the information contained in this BPIR has been prepared on reasonable grounds and is, to the best of my knowledge, accurate and not misleading.

I also confirm that Owens Corning Asphalt Roofing Shingles is not subject to a ban or warning under section 26 of the Building Act 2004.

Signed for and on behalf The Building Agency Limited.

Darren Webster

Managing Director
The Building Agency Limited
May 2026