

Technical Information Sheet

V-Gard PE 200 Vapor Control Foil

Packaging	Part Number
0.2 mm, 6.0 m x 50.0 m per roll	W56358900PE200
Note: Each roll is packed in a plastic sheet Weight: 55,2 kg/roll	

Description

The Elevate™ V-Gard PE 200 Vapor Control foil is designed to be used as vapor control layer in Elevate roofing systems in buildings with limited amount of humidity generated based on hygrometric study. It consists of a low density polyethylene film. The V-Gard PE 200 foil is suitable to be installed on steel deck, wooden deck and concrete deck. It is meant for applications where the roofing insulation is mechanically attached or loose laid. Design and selection of an appropriate vapor control layer is the responsibility of the specifier.

Preparation

Substrates need to be clean, smooth, dry and free of dust and sharp edges and other materials that may damage the PE foil, especially when installed on concrete deck.

Method of Application

Position and unroll the V-Gard PE 200 on its substrate. The V-Gard PE 200 is installed loose laid. The sides must overlap with a minimum of 100 mm or more if required by local regulation. The V-Gard PE Seam Tape can be used to seal two V-Gard PE 200 foils when recommended or required. It is not meant as temporary watertight protection of the substrate.

The vapor control layer should be inspected and repaired prior to installation of the insulation boards. Only install the amount of V-Gard PE 200 foil that can be covered with insulation and roofing membrane the same day. Additional ballast can be installed to prevent movement of the PE foil.

Coverage

The coverage rate is approx. 294 m² per roll, including seam overlaps. The V-Gard PE 200 foil must be installed with side and end laps of min. 100 mm.

Characteristics

Physical

- Quick and easy installation
- Made of recycled LDPE and can be recycled
- EN 13984 compliant
- Can be applied at low temperatures
- Good chemical resistance

Technical	Test method	Declared value
Thickness	EN 1849-2	0.2 mm
Width	EN 1849-2	6 m
Length	EN 1849-2	50 m
Density	EN ISO 1183	0.92 g/cm ³
Watertightness of the foil – 2 kPa	EN 1928	Conform
Water vapor impermeability (Sd)	EN 1931	110 m
Tear resistance	EN 12310-1	≥ 100 N
Tensile strength	EN 12311-2	≥ 100 N/50mm
Elongation	EN 12311-2	≥ 300 %
Color	-	Opaque Black
Reaction to Fire	EN 13501-1	F

Note: As European standards continue to develop, please contact our Technical Department or visit www.holcimelevate.com for the latest updates on physical properties.

Storage

Store the V-Gard PE foils in dry and clean conditions and their original, closed plastic wrapping away from sources of physical damage or chemical contamination. Do not put an additional pallet (or weight) on top of the rolls. If the rolls must be stored temporarily on the roof before application, they should be stored on a pallet, elevated from the roof surface.

Shelf Life

Unlimited

Precautions

Take care when moving, transporting and handling to avoid sources of punctures and physical damage.

Note:

This document is meant only to highlight Elevate products and specifications based on latest knowledge and experience and is subject to change without notice. Above mentioned values are based on tested samples and may vary within applicable tolerances. For latest and complete product and detail information, please refer to the technical information posted on www.holcimelevate.com. Holcim Solutions and Products EMEA BV ("Holcim") takes responsibility for furnishing quality materials which meet Holcim's published product specifications. As neither Holcim itself nor its representatives practice architecture, Holcim offers no opinion on and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. The selection of the appropriate product and its correct application is the responsibility of the customer and not of Holcim. No Holcim Representative is authorized to vary this disclaimer.