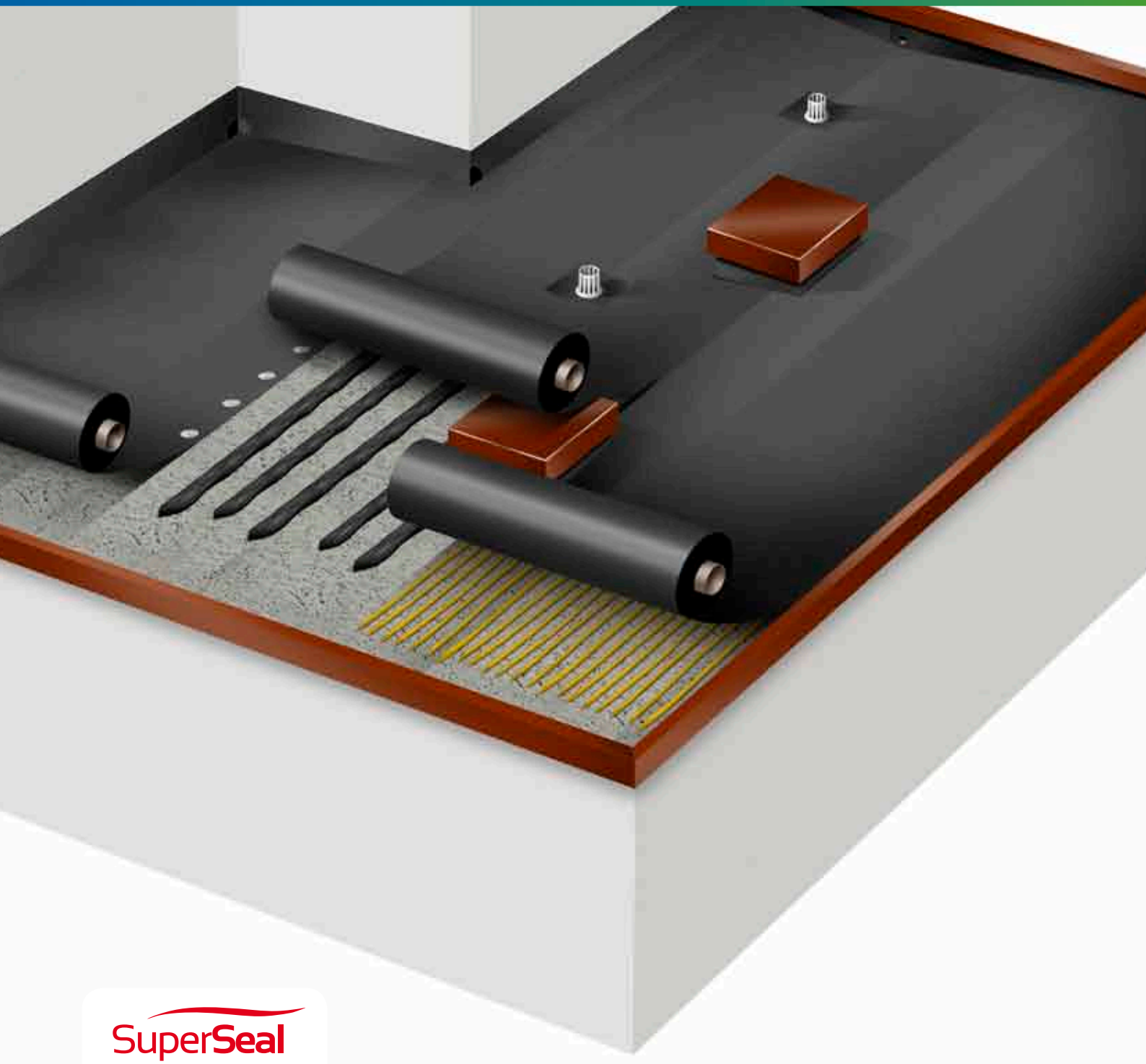
SealEco

Superseal Roofing System

Elastomeric Single Ply Membrane



SuperSeal

Superseal roofing
with Thermobond heat splicing technology

Superseal is a unique, fleece-backed heat seamable elastomeric membrane. The EPDM membrane design is ideal for mechanical attachment or adhering to any suitable substrate, with or without heat insulation.

Superseal Roofing System provides

- Superseal EPDM membrane – a flexible and elastic rubber membrane that is chemically and thermally stable with exceptional weather resistance. No change in strength or elasticity between -30°C and +120°C.
- Thermobond hot air splicing giving a seam that has the same elasticity and flexibility as the membrane itself.
- Fleece-backed membrane giving a smooth, wrinkle-free installation. No thermal movements or tensions in the roof membrane.
- Light weight per installed square meter.
- Fast and reliable installation and no open flames on the roof. Only hot air is necessary for all splicing and detail work.
- A full range of components and details for a complete watertight, waterproofing system.
- A roll width of 1,74 meter (alternative 1,34 meter) ensures fast installation.

Superseal is installed solely by authorized contractors who take responsibility for the integrity and performance of the finished roof and who work with full access to the know how and technical support of SealEco.

Sustainable future

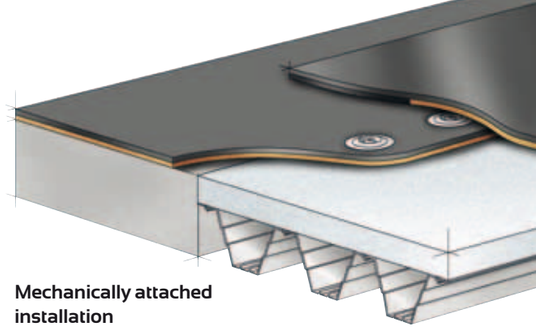
Superseal have minimal impact on the environment by efficient utilization of resources and exceptional durability. The product does not contain any heavy metals, chlorine, halogens or softeners and nothing leaves the product during the service life.

Superseal Roofing System

Superseal is a complete system with solution to any detail on the roof by the Thermobond welding technique. The system include pipe boots, corners, drains, Thermobond clad metal and much more.

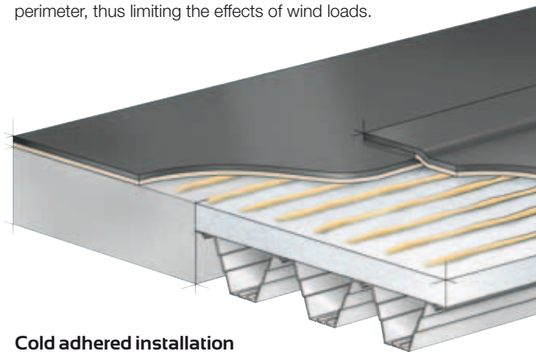
Certificate and approvals

CE marked according to EN 13956 ”Plastic and Rubber Sheet for Roof Waterproofing”, SP - Technical Research Institute of Sweden
Fire classification Brooft1, Brooft2, SP - Technical Research Institute of Sweden.
BBA Certificate 92/2799, British Board of Agreement.
ATG Certificate 04/2600, BUtgb, Belgien.



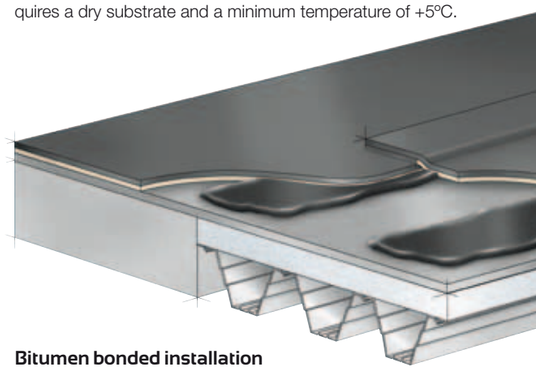
Mechanically attached installation

Mechanically fastened Superseal installs quickly, securely and effectively on any suitable substrate, like TRP metal decking with insulation, timber decking or light weight concrete. Soft insulations, like mineral wool, require telescopic fasteners.
The membrane is laid parallel transverse to the slope of the roof; overlapping 120 mm. Splicing is done with hot air automatic machine, which can be made at freezing temperatures or damp weather.
Mechanically secured roofs always require control of pullout resistance of fasteners. Thanks to the fleece backing the membrane can be bonded to the substrate at roof perimeter, thus limiting the effects of wind loads.



Cold adhered installation

The membrane is partially bonded to the substrate with our PUR adhesive type 3200. Beads of adhesive are applied over approximately 25 % of the roof surface. Superseal membrane is laid parallel, transverse to the roof slope with 50 mm over-lapping. Seams are heat spliced with a hot air splicing machine. Suitable substrates are bitumen felt, timber, concrete or light weight concrete. The installation requires a dry substrate and a minimum temperature of +5ºC.



Bitumen bonded installation

Bitumen bonded Superseal can be installed on substrates of bitumen felt, concrete of light weight concrete. The membrane that is laid parallel transverse to the slope of the roof, overlapping 5 cm, is partially adhered over approximately 50 % of the surface in SBS modified bonding bitumen.
The bonding bitumen is heated to 170-190ºC in a gas heated hot bitumen kettle. Also traditional oxidized bitumen can be used on substrates that are stable and without structural or thermal movements. The installation requires a dry, clean substrate and good weather conditions.

Our operations are conducted according to ISO 9001 and ISO 14000. Products and systems are tested according to applicable standards, supervised by independent laboratories, authorities and certified to local building codes in all the markets where we are active.

The Watertight Difference

Unique rubber membranes

Rubber is elastic, not plastic. Vulcanisation creates a stable cross-linked polymer structure with unsurpassed dimensional stability, elasticity and long term durability. Our systems involve patented, very competitive elastomeric materials and splicing techniques.

Fully engineered systems

30 years of close co-operation with architects, construction engineers and roofing contractors have resulted in complete and reliable solutions comprising rubber membranes, installation methods and compatible accessories; all backed by efficient technical service.

Focus on the environment

Environmental protection and care comes naturally to a supplier of products that contribute to the conservation of water, as well as the protection of goods and property from water leakage and moisture.
Our rubber membranes are chemically stable and contain no problematic additives such as plasticisers, flame-retardants, heat- or UV-stabilisers. They do not release any substances that cause allergies or hazards to the environment. Recycling options are available for membranes reclaimed from old installations.

SealEco

Phone: +46 (0) 370 510 100
Fax: +46 (0) 370 510 101
Email: info@sealeco.com

Office Address: Kävsjövägen 38,
SE-331 35 Värnamo, Sweden
Post Address: P.O. Box 514,
SE-331 25 Värnamo, Sweden

Internet: www.sealeco.com

May 2011