

VAL® FLEECE

Product Description

VAL Fleece Membrane System consists of a special non-woven PP-fleece, which is co-extruded with a PVC-membrane on one side. The combination of our VAL fleece with a highly flexible PVC-membrane produces a composite sheet membrane with self-healing properties.

Characteristics / Advantages

- Economical and sustainable sealing solution for high quality application
- Working temperature between -5 and +50 °C
- High ageing resistance and extremely durable barrier against (mechanical) stresses like water pressure, etc.
- The self-healing properties of VAL offer reliable protection as a post-applied membrane
- Compatible with bitumen
- The self-healing properties of BPA-DualProof S offer reliable protection as a post-applied membrane
- Excellent application properties, overlaps can be either bonded with CEM805 or heat-welded.
- The high-performance PVC-membrane can be easily and economically connected/thermally welded to existing sealing products and waterstops
- The VAL fleece forms a permanent mechanical bond with the freshly poured concrete thus preventing any water from tracking between the membrane and the concrete.

Application Areas

Below ground reinforced concrete constructions, foundations and tunnels.

How it Works?

- The Composite Waterproofing Membrane may be used in all applications, where reinforced concrete structures must be protected against groundwater and ground contaminants. It is suitable for external, single layer structural waterproofing of floor slabs and exterior concrete wall surfaces against soil moisture and non-pressurized and pressurized water.
- VAL fleece is co-extruded with a PVC-membrane on one side.
- Makes the composite sheet membrane with self-healing properties.
- Membrane Systems become a fail-safe, state-of-the-art waterproofing membrane, preventing any lateral water movement between the membrane and the concrete.

Storage

Store away from frost and heat in a dry area. Storage temperature is between 5°C and 35°C. Shelf Life – 1 Year approx. In case the product has cooled down to low temperatures, it should be reheated to a minimum of 15°C before using it.

Safety

Avoid to breathe dust/fume/gas/mist/vapours/spray. If required, wear respiratory protection. Always wear protective gloves/clothing and eye/face protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, If on skin or hair: Remove all contaminated clothing immediately. Rinse skin with water or take a shower.

Legal Notes

All data in our product information are based on our current knowledge and experience. They do not release users from careful testing of the application and strict observation of the relevant processing regulations because of the wide range of possible influences during the application and use of our products. Legally valid assurances of specific characteristics or suitability for special purposes of application other than those provided in our documentation for the specific product cannot be inferred from our information. The recipient or processor of our products at their own responsibility must follow any protective rights or existing laws and provisions. Moreover, our general terms and conditions of sale and warranty are valid.