

Villathene (Vedathene DUO)

- The Product** **Villathene** is a special membrane for waterproofing, consists of a tear resistant and elastic HD-polyethylen carrier, lower side equipped with a polymer modified and self adhesive SBS bitumen mass. Production processing and factory control are certified according to EN ISO 9001.
- Product benefits**
- „ economical application due to 15 mm roll length
 - „ easy to apply
 - „ immediately rainproof after application
- Field of Application** **Villathene** will be used as waterproofing layer at areas not exposed to UV-light like cellar walls outside, foundations, balconies - but not on balconies and terraces with living rooms underneath or wet cells at flats.
- Application Method** **Villathene** will be fixed with 8 cm seam and head overlaps by removing the separation film underneath and pressed to the **Villas Emulbit Elastic** primed substructure (In case of frost danger use **Villas Pormex Elastic primer**). At T-joints the corner of the under-layer has to be cut off at an angle of ~45°. The overlap step should be filled with **Villaplast**. Press down seams and joints with a hard rubber roller. Upper membrane endings have to be fixed mechanically with **Villafix clamping rail** and **Villaplast** on top of rail against water infiltration.

Technical Data

| Characteristics | Tested according | Unit | Demand DIN 18195-2 | Actual-Value accord. Inspection report 44-00-1444 of 17.07.2000 Otto-Graf-Institut |
|--|--|------------|----------------------------------|--|
| Water impermeability | DIN 52123 | [bar/24h] | ≥ 4 | ≥ 4 |
| Maximum tensile force (HzK) l / q | DIN 52123 | [N / 5 cm] | ≥ 200 / 200 | 230 / 278 |
| Elongation at max. tensile force l / q | DIN 52123 | [%] | ≥ 150 / 150 | 332 / 243 |
| Tear resistance l / q | DIN 16726 | [N] | ≥ 60 / 60 | 65 / 75 |
| Cold flexibility | DIN 52123 | [°C] | ≤ -30 | ≤ -30 |
| Heat resistance | DIN 52123 | [°C] | ≥ 70 | ≥ 80 |
| Crack-bridge capability | E DIN 28052-6 | [mm] | ≥ 5 | ≥ 5 |
| Thickness | DIN 52123 | [mm] | ≥ 1,5 | 1,6 |
| Thickness of carrier film | DIN 52123 | [mm] | ≥ 0,07 | 0,10 |
| Peel strength of seam | EN 12316-1 | [N] | - | 130 |
| Dimensions | | [m] | - | 1,0 x 15,0 |
| Delivery form | loose (Art.Nr. D13210) or packed in single cartoons (Art.Nr. 1030) | | | |
| Additional characteristics | | | Manufacturers information | |
| Thickness of vapour diffusion-equivalent air layer $s_d = \mu \times s$ | DIN 53122-1 | [m] | 45 | |
| <small>Above figures are nominal figures, depending on statistic fluctuations. Technical modifications reserved. It is responsible to the user to check the suitability of the product in case of application and to make sure to be in possession of final release of the data sheet. VILLATHENE Export R001 update status : Apr. 2003 - her</small> | | | | |

- Storage** **Villathene** has to be stored vertically and protected against moisture and extreme heat. Before application in cold season, store at least 12 hours free from frost!