

PARADIENE 35 SR4

DESCRIPTION AND SCOPE OF APPLICATION

Very high performance reinforced SBS elastomeric bitumen membrane for waterproofing works.

This product is for use as :

First layer of upstand for accessible roof.

Underlayer of two-layers system self protected or under heavy protection.

COMPOSITION

| | |
|------------------------------|--|
| Main surface | Thermo-fusible film |
| Longitudinal overlap surface | Not applicable (N/A) |
| Blend | Fillerized SBS (Styrene-Butadiene-Styrene) elastomeric bitumen |
| Reinforcement | Non woven polyester |
| Underface | Sanded |

DIMENSIONAL CHARACTERISTICS

| | Nominal value | Critical value |
|--|---------------|----------------|
| Thickness on the longitudinal selvedge (mm) | (N/A) | (N/A) |
| Thickness on the main surface (mm) | 3.7 | 3.5 |
| Longitudinal selvedge width (mm) | (N/A) | (N/A) |
| Weight / m ² (kg/m ²) | 4.63 | 4.40 |
| Weight / roll (kg) | 37.1 | 35.2 |
| Roll length and width (m) | 8 x 1 | 7.92 x 0.99 |

PERFORMANCES

| KIND OF TEST | Reference Norm | Units | Nominal values | Critical values |
|------------------------------|--|--------|----------------|-----------------|
| Tensile strength at amx | EN 12 311-1 | N/50mm | 750 x 550 | 590 x 500 |
| Elongation at max | EN 12 311-1 | % | 40 x 45 | 35 x 40 |
| Nail tearing resistance | EN 12 310-1 | N | 250 x 280 | 190 x 210 |
| Cold temperature flexibility | EN 1109 | °C | ≤ - 20 | ≤ - 15 |
| Heat flow test | EN 1110 | °C | ≥ 100 | ≥ 100 |
| Dimensional stability | EN 1107-1 | % | ≤ - 0.5 | |
| Static puncture resistance | EN 12730 | kg | 20 | |
| FIT classification | Indicated on the relevant Technical Agreement (CSTB) | | | |

ISO 9001 REFERENCE DOCUMENT

. Our company has been awarded the ISO 9001 certificate for all its establishments in France.

. The Technical Agreement PARADIENE S is the ISO 9001 reference document.



PACKAGING

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|--------------------------------------|----|
| Strips quantity per truck pallet | 25 |
| Strips quantity per container pallet | 27 |
| Strips quantity per wooden box | 25 |

GENERALITIES ABOUT APPLICATION

| | |
|---|---|
| Using | The generalities about the product using are set out in the ZSA STANDARD |
| Application | The generalities about the product application are set out in the ZTA STANDARD |
| Application (complementary information) | All joints shall be torched. On upstand this membrane must be always fully torched. Selfprotected systems Depending the kind of support this product can be laid fully bonded or partially bonded. System under heavy protection If this product is the underlayer (usual case), it is applied loose laid on its support. If this product is the cap sheet, it must be fully torched to the underlayer |
| Overlaps | Current building practices concerning overlaps are set out in the ZRA STANDARD |
| Slopes | Current building practices concerning slopes are set out in the ZPA STANDARD |

COMPLEMENTARY INFORMATIONS

| | |
|---------------------------|--|
| Values | Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction. |
| Tolerances | The average values derived from standard tests and are subject to the usual production variations. The indicated average values comply with the UEAtc standard and EN 13707. The nominal value tolerances comply with the UEAtc standards. Some slight variations can be noticed as the values are based on the average values obtained from several plants. |
| Modification(s) | Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department. |
| Hazardous classification | It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR) |
| Complementary information | This product is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department. |
| Storage | This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources. |