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Engineered
Solutions for
Contaminated Land

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# PAG SAGR

PAG SAGR is a sheet membrane constructed from an Aluminium/Polythene laminate coated with a layer of Self Adhesive Polymer modified Bitumen.

| | UNIT | | TEST METHOD |
|---|---|---|---|
| Backing Thickness | mm | 0.125 | |
| Adhesive Thickness | mm | 1.40 | |
| Width | mm | 300 | |
| Length | M | 20 | |
| Area | $M^2$ | 0.6 | |
| Weight | $Kg/m^2$ | 1.6 | |
| Membrane Strength | N/mm | 3.0 | ASTM D1000 |
| Elongation | % | 40 | ASTM D1000 |
| Puncture resistance | N | 250 | ASTM E154 |
| Adhesion ( $180^0$ Peel) | N/mm | 2.0 | ASTM D1000 |
| | | | |
| Water Vapour Transmission | $g/m^2/24h$ | <0.1 | ASTM E96 |
| Methane Transmission Rate | $ml/m^2/24h/atm$ | <10 | 15105-1 |
| Carbon dioxide Transmission | $ml/m^2/24h/atm$ | <10 | 15105-1 |
| Radon Diffusion Coefficient | $M^2/s$ | $5.0 \times 10^{-14}$ | NRPB |
| Dimensional stability | | | |
| Longitudinal | % | 0.0 | MOAT 27 5.1.6 ($80^0$C) |
| Lateral | % | 0.0 | MOAT 27 5.1.6 ($80^0$C) |
| Roll sizes | | 0.3 x 20m | |
| | | 1 x 20m | |