

Mastermax Extra P&S

Self-Adhered vapour-permeable

Technical Data

| Properties | Test Method | Technical Data |
|--|--------------------------------|--|
| Color | | green |
| Length | | 38.28m(±)1% |
| Width | | 0.97m(±)0.5% / (±)1.5% +1.02m wide release film |
| Mass per unit area | | 210g/m ² (±)5g |
| Straightness | | <30 mm/10m |
| Tensile Strength (original material) | ASTM D882 | 5.29 Nm |
| Tensile Strength, UV aged material N/m (original material) | ASTM D3045 | 4.98 N/m |
| Tensile Strength, UV and Heat aged material N/m (original material) | ASTM D3045 | 5.08 N/m |
| Breaking force | ASTM D 5035 | 364N / 296 N |
| Water Vapour Permeance membrane, ng/Pa.s.m ² (only membrane) | ASTM E96 | 670 ng/Pa.s.m ² /Pass |
| Water Vapour Permeance ng/Pa.s.m ² (membrane, primer plus dens glass) | ASTM E96 | 435 ng/Pa.s.m ² /Pass |
| Air Permeance @75 Pa | CAN/ULC-S742-11, ASTM E2357-11 | 0.0627-0.1485 L/s.m ² (0.0121-0.029cfm/ft ²) Pass |
| Air Leakage | ASTM 2357 | Pass |
| Water Ponding | Section 5.1.2.1.6 | No water seepage /None |
| Surface Burning Characteristics | ASTM E84-20 | A |
| Nail Seal ability | ASTM D 1970 | Pass |

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| Peel Adhesive Bond strength, N/mm (on primed dens glass substrate) | AAMA 711.13-ASTM D3330 | 0.43 |
| Peel Adhesive Bond strength, N/mm (on anodized aluminum) | AAMA 711.13-ASTM D3330 | 0.38 |
| UV aging | ASTM G154-16 | No apparent degradation/Pass |
| Resistance to UV | | 3 months |
| Tensile Strength, UV aged material N/m | ASTM D3045 | 4.55 N/m /pass |
| Temperature Resistance | | (-)30°C – (+)100°C |
| Short time temperature resistance | | (+)120°C |
| Flexibility at low temperature | | (-)30°C |