



Armoproof

A semi-flexible protection and recovery board

3.2 mm

| Tests Performed – As per ASTM | Procedure | Units | Tolerance | Value |
|---|------------|-------|-----------|---------|
| Length | | m | <-1% | 2 |
| Width | | m | <-1% | 1 |
| Thickness | ASTM D5147 | mm | -0.2mm | 3.2 |
| Water Absorption (n/a slate) | ASTM D5147 | % | mlv | < 0.55 |
| Puncture Resistance | ASTM D5147 | N; mm | mlv | 1200;32 |
| Tests Performed – As per CE | | | | |
| Visible Defects | EN 1850-1 | No/M2 | 0 | 0 |
| Length | EN 1848-1 | m | <-1% | 2 |
| Width | EN 1848-1 | m | <-1% | 1 |
| Mass Per Unit Area | EN 1849-1 | Kg/m2 | +/-10% | 4.25 |
| Thickness | EN 1849-1 | mm | 0.2mm | 3.2 |
| Resistance to Static Loading (method A) | EN 12730 | kg | min | 25 |
| Resistance to Impact | EN 12691 | mm | mlv | >700 |
| Reaction to Fire | EN 13501-1 | | Euroclass | F |

3.5 mm

| Tests Performed – As per ASTM | Procedure | Units | Tolerance | Value |
|---|------------|-------|-----------|---------|
| Length | | m | <-1% | 2 |
| Width | | m | <-1% | 1 |
| Thickness | ASTM D5147 | mm | -0.2mm | 3.5 |
| Water Absorption (n/a slate) | ASTM D5147 | % | mlv | < 0.55 |
| Puncture Resistance | ASTM D5147 | N; mm | mlv | 1200;25 |
| Tests Performed – As per CE | | | | |
| Visible Defects | EN 1850-1 | No/M2 | 0 | 0 |
| Length | EN 1848-1 | m | <-1% | 2 |
| Width | EN 1848-1 | m | <-1% | 1 |
| Mass Per Unit Area | EN 1849-1 | Kg/m2 | +/-10% | 4.8 |
| Thickness | EN 1849-1 | mm | 0.2mm | 3.5 |
| Resistance to Static Loading (method A) | EN 12730 | kg | min | 25 |
| Resistance to Impact | EN 12691 | mm | mlv | >700 |
| Reaction to Fire | EN 13501-1 | | Euroclass | F |