

PANEL DESCRIPTION / COMPOSITION

Texture Base Sheet

APPLICATIONS

| | Result |
|----------------------------|--|
| Applications | Façades & Cladding |
| Type of Building Structure | Residential Housing Buildings within the scope of AS4055 |
| Wet Areas | No |

PANEL - DIMENSIONAL & GEOMETRICAL CHARACTERISTICS

| Dimensional/Geometrical Characteristic | Specification | Manufacturing Tolerance | Relevant Standard |
|--|---|---|-------------------|
| Panel Dimensions | 900mmW x 2440mmL x 7.5mmD 900mmW x 3000mmL x 7.5mmD 200mmW x 2440mmL x 7.5mmD 1200mmW x 2725mmL x 7.5mmD 1200mmW x 3000mmL x 7.5mmD | Width +0 -3 mm Length +0 -4 mm Thickness +0.5 -0 mm | |
| Profile | Recessed Edge | | |
| Perpendicularity/squareness of edges | 2mm/linear meter | | |
| Weight (typical) | 11.7kg/m ² | | |
| Layout Options | Horizontal, Vertical (Preferred), Curved | | |
| Jointing | Concealed | | |

PANEL - STRENGTH & MOISTURE RELATED PROPERTIES

| Physical Property | Result | Relevant Standard |
|--------------------------|---------|-------------------|
| Modulus of Rupture (Wet) | > 9 MPa | AS2908.2 |

| | | |
|--------------------------------------|------------------------|--------------|
| Modulus of Elasticity (Wet) | 3-5 GPa | AS2908.2 |
| Density (Oven Dry) | 1350 kg/m ³ | AS2908.2 |
| Water Vapor Diffusion | Not Required | Not Required |
| Water Tightness (24hrs) | No water droplet | AS2908.2 |
| Water Absorption (Saturated – 48hrs) | 30 wt% | ASTM C 1186 |
| Moisture Content (EMC) | 7 wt% | ASTM C 1186 |
| Moisture Movement | 0.05% | ASTM C 1186 |

PANEL - OTHER DURABILITY/WEATHER RESISTANCE INDICATORS

| Test | Result | Relevant Standard |
|-----------------------|--------------------|-------------------|
| Heat Rain | PASSED (25 Cycles) | AS2908.2 |
| Freeze Thaw | PASSED (50 Cycles) | AS2908.2 |
| Warm Water Resistance | PASSED (56 days) | AS2908.2 |
| Soak Dry | PASSED (25 Cycles) | AS2908.2 |

PANEL - FINISH CHARACTERISTICS

| Characteristic | Result | Relevant Standard |
|----------------------------|---------------------------------------|-------------------|
| Finish | Preprimed | |
| Coating Type | Sealer Type: Pigmented Sealer On Face | |
| Colour Bodied | No | |
| Paint Type | | |
| UV Resistance | N/A | N/A |
| Formaldehyde Emission Rate | N/A | N/A |
| VOC Emission Rate | N/A | N/A |

| Spectral Reflectivity Values | Solar Reflectance % | Solar Absorption % | Basix Colour | Relevant Standard |
|------------------------------|---------------------|--------------------|--------------|-------------------|
| Texture Base Sheet | | | | N/A |

PANEL - FIRE RESISTANCE, THERMAL & ACOUSTIC PROPERTIES

| Characteristic | Result | Relevant Standard |
|-----------------|--------|-------------------|
| FIRE RESISTANCE | | |

| | | |
|---|--|------------|
| Combustibility | Suitable for use in applications where non-combustible materials are specified by the Deemed to Satisfy Provisions of the 2016 BCA Vol 1 Amendment 1 Clause C1.9 (2015 BCA Vol Clause C1.12) | |
| Fire Hazard Properties | Group 1 Av Specific Extinction Area <250 | AS/NZ 3837 |
| Classification | 1 | AS/NZ 3837 |
| Surface Burning Characteristics | Ignitability =0, Flame Propagation =0, Heat Release =0, Smoke Release=1 | AS1530.3 |
| THERMAL CONDUCTIVITY | | |
| Thermal Conductivity (λ -Factor) | $\approx 0.2776 \text{ W/mK}$ | |
| Thermal Expansion Co-efficient | 0.005-0.01mm/mK | N/A |
| ACOUSTIC VALUE | | |
| Sound reduction (depends on construction) | N/A | N/A |

SYSTEM SOLUTIONS

| Characteristic | Result | Relevant Standard |
|---|---|---------------------------------|
| Within Scope of AS4055? | Yes | |
| Wind Loading - Residential housing buildings within the scope of AS4055 | N1, N2, N3, N4, N5, C1, C2, C3, C4 | |
| Weatherproofing | Suitable for all building classes as set out in the BCA (ie 1&10, 2-9) | N/A |
| Cyclonic Conditions | N/A | N/A |
| Fire Resistance Limits (FRLs) | Up to 90/90/90 | Refer to Gyprock® The Red Book™ |
| Bushfire Construction | BAL 29 (Construction for Bushfire Attack Level 29 for an external wall) | AS 3959-8 |
| Acoustic | Acoustic solutions of up to RW/RW+CTR 51/43 are detailed | Refer to Gyprock® The Red Book™ |
| Thermal | Thermal solutions of up to RT(sum)/RT(win) 3.5/3.8 are detailed | Refer to Gyprock® The Red Book™ |

FIXING

| Characteristic | |
|------------------------------|-------------|
| Maximum Span (Stud Spacing) | Up to 600mm |
| DIRECT FIX | |
| Nail to Timber Frame | Yes |
| Screw to Timber Frame | No |
| Screw to Steel Frame | Yes |
| INDIRECT FIX | |
| Timber Frame | Yes |
| Steel Frame | No |
| Masonry Frame | No |
| EXPOSED FASTENERS | |
| Screw | No |
| Rivet | No |
| Nail | No |
| CONCEALED FASTENERS | |
| Clip | No |
| Countersunk Screw/Nail | Yes |
| Adhesive, Split Batten, etc. | No |
| Hidden by Overlapping Panel | No |
| Flush Jointed (Taped) | No |

WARRANTY

25 YEARS ON PANEL AND COATING SYSTEM

May 20, 2019

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