

# BOARD SPECIFICATIONS

| ITEM                         | RICHMOND ECO SPC         | RICHMOND SPC HERRINGBONE | RICHMOND LVT COMFORT      |
|------------------------------|--------------------------|--------------------------|---------------------------|
| TOTAL THICKNESS              | 5.5 MM                   | 5.5 MM                   | 5 MM                      |
| VINYL CORE/FIBER GLASS       | 5.0MM VIRGIN WHITE STONE | 5.0MM VIRGIN WHITE STONE | 5.0MM EXTRUDED VINYL CORE |
| PRE ATTACHED IXPE UNDERLAY   | 1.5 MM                   | 1.5 MM                   | NONE                      |
| PLANK SIZE                   | 1220X183MM               | 640X128MM                | 1220X180MM                |
| WEAR LAYER                   | 0.5MM                    | 0.5MM                    | 0.55MM                    |
| FILM                         | 3-LAYER FILM SYSTEM      | 3-LAYER FILM SYSTEM      | 3-LAYER FILM SYSTEM       |
| COATING                      | PU, UV PROTECTION FILM   | PU, UV PROTECTION FILM   | PU, UV PROTECTION FILM    |
| EDGE DETAILS                 | UNILINE CLICK LOCK       | UNILINE CLICK LOCK       | UNILINE CLICK LOCK        |
| FINISH                       | DECORATIVE FINISH        | DECORATIVE FINISH        | DECORATIVE FINISH         |
| FINISH                       | MATT WITH UV PROTECTION  | MATT WITH UV PROTECTION  | MATT WITH UV PROTECTION   |
| EMBOSSING                    | REAL WOOD 3D TEXTURE     | REAL WOOD 3D TEXTURE     | REAL WOOD 3D TEXTURE      |
| SQM PER CARTON               | 2.01                     | 0.82                     | 2.196                     |
| PIECES PER CARTON            | 9PCS                     | 10PCS                    | 10PCS                     |
| RESIDENTIAL LIMITED WARRANTY | 15 YEARS                 | 15 YEARS                 | 15 YEARS                  |
| COMMERCIAL LIMITED WARRANTY  | 5 YEARS                  | 5 YEARS                  | 5 YEARS                   |

# BOARD SPECIFICATION FOR SPC

| DESCRIPTION                      | STANDARD             | REQUIREMENTS                                | RESULTS                |
|----------------------------------|----------------------|---------------------------------------------|------------------------|
| CLASSIFICATION(LEVEL OF USE)     | EN 16511             | COMMERCIAL VERY HEAVY(CLASS 34)             | SURPASSES REQUIREMENTS |
| WEAR RESISTANCE IP, METHOD A     | EN 13329, ANNEX E    | ≤4000 CYCLES                                | SURPASSES REQUIREMENTS |
| IMPACT RESISTANCE (BIG BALL)     | EN 13329+ AL ANNEX L | NO CRACKS                                   | SURPASSES REQUIREMENTS |
| MICRO-SCRATCH RESISTANCE (CLASS) | EN 16094,METHOD B    | MSR-A2/MSR-B1                               | PASSES / SURPASSES     |
| CASTOR CHAIR RESISTANCE          | EN 425               | AFTER 25000 CYCLES: NO DISTURBANCE TO PLANK | PASSES REQUIREMENTS    |
| EFFECT OF FURNITURE LEG          | EN 424               | NO VISIBLE DAMAGE                           | PASSES REQUIREMENTS    |
| RESIDUAL INDENTATION             | EN ISO 243431        | ≤ 0.15MM                                    | SURPASSES REQUIREMENTS |
| RESISTANCE TO STAINING           | EN 438-2             | GROUPS 1,283 GRADE 5                        | PASSES REQUIREMENTS    |
| LOCKING STRENGTH                 | ISO 24334            | "LONG SIDE ≥ 2.0KN/M                        | PASSES REQUIREMENTS    |
| SHORT SIDE ≥3.5KN/M"             | -                    | -                                           | SURPASSES REQUIREMENTS |
| DIMENSIONAL STABILITY DUE TO     | EN ISO 23999         | ≤0.25%                                      | SURPASSES REQUIREMENTS |
| VOC FREE                         | EN 71-3              | ≥ 0.1MG                                     | SURPASSES REQUIREMENTS |
| RESISTANT TO CHEMICALS           | EN 423               | STD TEST                                    | CLASS ZERO             |
| FLEXIBILITY 10MM                 | EN 435               | TORQUE BEND                                 | NO DAMAGE              |
| ANTI FLAMING                     | CNS 8907             | STD TEST                                    | PASS                   |
| RESISTANCE TO FIRE               | NFPA                 | STD TEST                                    | CLASS A                |
| PEELING STRENGTH OF LAYERS       | EN 431               |                                             | PASS                   |
| SLIP RESISTANCE                  | R9                   |                                             | PASS                   |

# BOARD SPECIFICATION FOR LVT

| DESCRIPTION                 | STANDARD      | REQUIREMENTS    |
|-----------------------------|---------------|-----------------|
| CHEMICAL RESISTANCE         | EN423         | HIGH RESISTANCE |
| RESIDUAL INDENTATION        | EN433         | ≤0.08MM         |
| DIMENSIONAL STABILITY       | EN434         | ≤0.08%          |
| COLOUR FASTNESS TO LIGHT    | EN20105-B02   | ≥6              |
| ABRASION RESISTANCE         | DN51130       | R11             |
| WATER RESISTANCE            | EN660-2       | GROUP T         |
| ANTIMICROBIAL ACTIVITY      | ASTING 21-96  | CLASS 0         |
| FIRE RATING                 | EN ISO 9239-1 | B-S1            |
| WARRANTY FOR DOMESTIC USE   |               | 20 YEARS        |
| WARRANTY FOR COMMERCIAL USE |               | 10 YEARS        |
| IMPACT SOUND INSULATION     | ISO 717-2     | 5 DB            |