

# DIAMOND CORE SPC+

Stone plastic composite, stable vinyl flooring



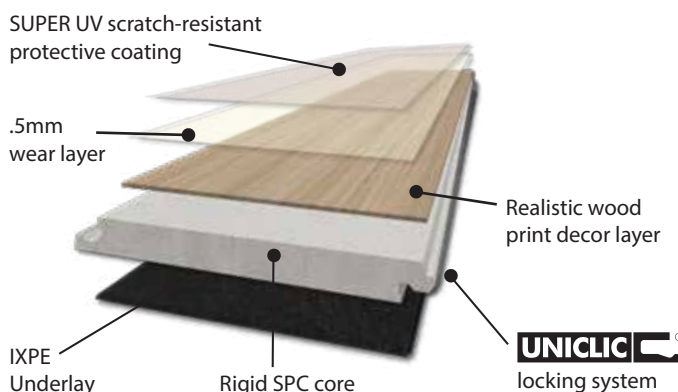
## Diamond Core SPC +

Stone Plastic Composite, Rigid Vinyl

Plank dimensions: 1500 x 228 x 6.5mm (2.052sqm/box)

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## SPECIFICATIONS

| SPECIFICATIONS                | RIGID CORE SPC TECHNOLOGY                                                     |
|-------------------------------|-------------------------------------------------------------------------------|
| Construction                  | Rigid core stone plastic composite vinyl                                      |
| Total thickness               | 6.5mm including .5mm wear layer and attached 1.5mm IXPE underlay              |
| Plank dimensions              | 1500 x 228 x 6.5mm                                                            |
| Texture option/Surface finish | Antique wood texture / EIR or Random EIR finish with a micro painted v-groove |
| Installation method           | Click system (Glue-less installation)                                         |
| Warranty                      | 30 years heavy domestic and 10 years general commercial use                   |
| Waterproof                    | 100% waterproof from topical water or pure uncontaminated water               |

## TECHNICAL DATA

| TEST                                      | EN NORMS                               | RESULT                                     | ASTM NORMS                           | RESULT                         |
|-------------------------------------------|----------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------|
| Dimensional squareness and straightness   | EN ISO 24324:2018                      | Squareness: 0.11mm<br>Straightness: 0.08mm | $\leq 0.25$<br>$\leq 0.25$           | Pass<br>Pass                   |
| Dimensional stability and curling         | EN ISO 23999:2021<br>EN ISO 24345:2012 | Stability: 0.06%<br>Curling: 0.65mm        | $\leq 0.25\% **$<br>$\leq 1.00mm **$ | Pass<br>Pass                   |
| Peel strength                             |                                        | 11.6kgs                                    | $\geq 5.5kgs **$                     | Pass                           |
| Impact test                               |                                        | 5.5mm                                      | $\leq 10mm **$                       | Pass                           |
| Abrasion resistance                       |                                        | 0.015g                                     | $\leq 0.159g$                        | Pass                           |
| Scratch test                              |                                        | 3Kgs                                       | $\geq 2.5kgs **$                     | Pass                           |
| Resistance to impact                      |                                        | 5.5mm                                      | ASTMF1265:2003A                      | Pass                           |
| Colour fastness to artificial light       | EN 20105-B02                           | Pass $\geq$ Grade 6                        | ASTMF1515                            | Pass                           |
| Residual indentation after static loading | EN ISO 24343-1:2012                    | Pass 0.02mm                                | ASTMF970                             | Pass                           |
| Slip resistance                           | EN14041                                | Class DS                                   |                                      | Pass                           |
| Fire classification                       | EN13501-1<br>EN1404                    | Bf1-S1                                     | ASTME648-10                          | Pass/Class1                    |
| Wear resistance                           | EN660-2                                | Group T                                    |                                      |                                |
| Formaldehyde emission                     | EN14041                                | Class E1                                   |                                      | Pass<br>0.005mg.m <sup>3</sup> |

\*\* Industry standard



## CERTIFICATES

## MEMBER OF

