



DeckWright
WJ Group

WJ DeckWright Anti-Slip Decking Specification Sheet



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Anti-Slip Decking Solution

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- › **Anti-Slip**



WJ DeckWright Anti-Slip Decking

Specification Sheet

WJ DeckWright Anti-Slip Decking is a 32x125 redwood timber decking applied with a flexible mix of modified 2-part polyurethane resin impregnated with bauxite aggregate.

WJ DeckWright Anti-Slip inserts use aggregate with a granular size of between 0.9 and 1.1 mm, and a Mohs hardness of level 9 on a scale where diamond is the hardest possible at 10. Applied to WJ DeckWright timber decking profiles, the inserts significantly reduce the risk of slipping when walking on a level surface in a straight line.

WJ DeckWright Anti-Slip Decking

The WJ DeckWright Anti-Slip process transforms our timber deck boards into fully tested and safe non-slip surfaces. The specially formulated combination of resin and aggregate has been designed to work on all specifications of timber decking and is a robust solution to the hazards posed in slippery conditions. Our environmentally-controlled anti-slip installation method ensures optimum adhesion conditions.

Unlike most competitor products, which utilise a very hard brittle epoxy-based resin, WJ DeckWright Anti-Slip uses resin technologies derived from the latest resins used on anti-slip highway surfaces. This provides two major advantages:

Firstly, in service the resin is able to bend and flex with the timber as it moves in use, and expands and contracts with changing moisture content through the seasons. Additionally, road traffic grade resin is highly durable, compatible with extreme temperatures and, as a result, retains good anti-slip properties. It remains strongly bonded to the timber for the life of the decking.

Secondly, and of crucial importance to installers, it is generally possible to cut the decking on-site using normal hand tools, rather than specialist tungsten carbide rotary saws. This significantly increases ease and speed of installation while providing major Health & Safety benefits through reduction in noise, dust and sparks.

Pendulum Test Value (PTV)

The high slip-resistance performance of WJ DeckWright Anti-Slip was awarded a PTV score of 71 - any PTV score greater than 36 is considered to be of 'low slip potential'. The PTV test is designed to replicate a pedestrian heel strike - the point at which most slips occur. When a pedestrian heel strikes a wet floor a fluid film is created between them which subsequently causes someone to slip.

Testing & Accreditation

WJ DeckWright Anti-Slip product has been independently tested and approved by the Health & Safety Laboratory in Buxton, in accordance with British Standard BS 7976: 2002. The manufacturing process has also been independently QA audited and is compliant with ISO 9001: 2016.

Additionally, the timber is preservative treated in accordance with BS 8417: 2011. This can be applied to Use Class 3 (for above ground applications) providing a warranty of 10 years to pine timber decking (please check for applicable warranty on other species).

WJ DeckWright Anti-Slip is a DeckMark and DeckMark+ accredited product through the TDCA (Timber Decking and Cladding Association).



Customisation

We offer a wide selection of aggregate colours and customers have the choice to fit one or two inserts per deck board, to suit both specific requirements and budget. Customisation is subject to minimum order quantities and longer lead times.

Choice of coloured aggregates



Twin profiled decking boards:

WJ profile 1
(castellated)

WJ profile 2
(smooth)

* Excludes custom colours.

For further information, please call, click or visit:

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