

Xrosswater Decking



Product

Laminated material overlaid with a phenol film or with UV-resistant film on both the sides. The wear side has a rough wire mesh pattern (*W*); the reverse side normally is smooth (*F*), although it can have wire mesh pattern, too (grade *W/W*). The rough wire mesh overlay withstands hard wear and it can be used for many different floor-paneling purposes.

Film colour

Normally dark brown (120g/m²). Other standard colours are light brown (120g/m²), dark brown (220g/m²), green (120g/m²), black (120g/m²). Grey (174 g/m²) and red (220 g/m²) colours on special order.

Applications

Vehicle floors, pedestrian bridges, storage and factory floors, storage shelves, loading platforms, ship decks, pier surfaces. In general - applications where high wear resistance and/or good anti-slip properties are required.

Advantage

The wire mesh surface has high wear resistance and anti-slip properties, surface is weather and waterproof, resists to commonly used chemicals. Environmentally friendly.

Gluing classes

Laminate glued with waterproof phenol formaldehyde resin adhesive. Bonding is resistant to weather and boiling water. It meets requirements of the following standards:

EN 314 / 3rd class;
BS 1203 / H4 (previously WBP);
DIN 68705 Part 3 / type BFU 100.

Formaldehyde emission

In accordance with the standard *EN 13986* formaldehyde emission meets the *Class E1* requirements. Test method *EN 717* Part 2.

Overlaying

The panels are overlaid with a film and have a wire mesh pattern imprinted during hot pressing process. The reverse side overlaid with a similar phenol film, and normally it is smooth. The unit weight of the film is 220g/m². On special request, panels can be overlaid with wear resistant phenol film or/and multi-layer phenol film and both the sides can have a wire mesh pattern.

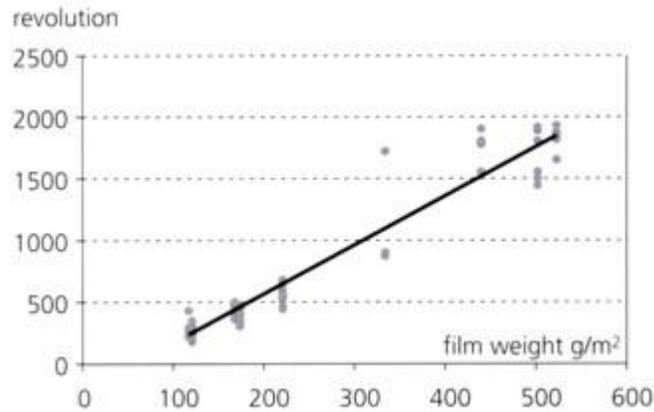
Wire mesh pattern can be of different kinds:

Large Mesh (grade *WL*) - 2.5 mesh per 1cm;
Small Mesh (grade *WS*) - 4.5 mesh per 1cm.

Overlaying characteristics

The overlaying surface is highly resistant to abrasive wear and it does not crack. It is also resistant to weather and moisture as well as commonly used chemicals. The wire mesh patterned surface provides high anti-slip properties. The panels can be machined. During machining extra hard cutting tools are recommended.

Abrasion resistance according to the *Taber* test (*EN 438-2*): depends on applied film, surface texture*, conditions of product storage and application, thickness of film (see below) a.o.



Edges sealing

Edges of the panels are matched with the face against absorption of moisture with acrylic paint. Other colours are available and the edges may be unsealed at customers' request.

Certified to the requirements of *ISO 9001* by *Bureau Veritas Quality International*.

