

Technical Data Sheet

WS100 - Wet-space Flooring System



Product Description

A specialty high-build, seamless flooring system designed to level undulations, provide sound dampening and offer a long-lasting non-slip surface onboard navy vessels.

Moisture-tolerant epoxy resins and curing agents are used among the 8-step system for a durable floor suited to wet environments.

Uses

- Floors exposed to wet conditions onboard navy vessels, e.g. galleys, sculleries, showers, washrooms, sanitary spaces and pantries.

Technical Information

Vehicle Type: Various.
 Colour: Tintable.
 Finish: Semi-gloss with aggressive texture.
 Cleaner: MEK, acetone, methylated spirits.
 Solids: 100%

Technical Advantages

- Milspec tested and approved for fire performance.
- Sound dampening layer adds flexibility and allows flooring system to handle hull movement.
- Non-hazmat - solventless, non-corrosive, non-flammable products for safer use and simplified, cheaper transport.
- Supreme wear, impact and abrasion resistance, as well as a lasting non-slip texture.

- Good overall chemical resistance.
- Good tolerance of low temperatures.
- Solventless system with no strong odours can be applied in confined spaces without need for ventilation equipment or disruption to nearby people.
- Tintable for greater colour choice.

Chemical Resistance to Spillage (for fully cured films)

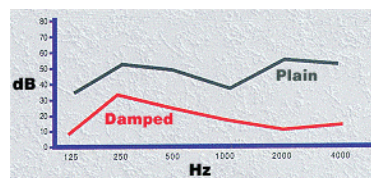
10% Acetic Acid	50% Sodium Hydroxide
Bleach	70% Sulphuric Acid
Ethanol	Xylene
Toluene	Hydrocarbons/Fuels/Oils
Skydrol	5% Lactic Acid
Deionized Water	

Note - Staining may occur when exposed to aggressive chemicals. Good housekeeping practices, including dilution and spillage clean up, will minimise chemical damage. For full immersion performance, contact supplier.

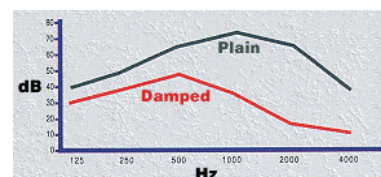
Test Results

Fire Performance MIL-PRF-24667	0.5W/cm ² Critical Radiant Flux *ASTM E648 (Min. 0.45kw/m)
	403% min. Smoke Density *ASTM E662 (Max. 450%)

Sound Dampening



Sound transmission loss (dB) versus frequency (Hz) for 6mm aluminium coated with 6mm WS100 Sound Dampening product.



Sound transmission loss (dB) versus frequency (Hz) for 3mm aluminium coated with 3mm WS100 Sound Dampening product.

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Surface Preparation

Used over the Royal Australian Navy Asset Preservation System epoxy primers, e.g. Intershield 300.

Mixing

For full safety instructions, consult SDS of individual products listed below. Wear protective clothing, goggles and gloves to prevent skin and eye contact.

Mixing of the various products used in the 8-step system - NMP 1350 Sound Dampening Paint, Jaxxon 1335 with TD Agg (underlayment), Jaxxon 1335 with Cove Mix (coving), Jaxxon 1525 (chemical barrier coat and non-slip basecoat) and Jaxxon 1505 (non-slip topcoat) - should proceed as per individual data sheet instructions.

Application

As per the WS100 Installation Instructions.

Coverage

As per the WS100 Installation Instructions.

Cure Schedule

Light foot traffic allowed onto the floor 24 hours after application of final coat. Flooring system will reach full hardness in approximately 7 days.

Product Characteristics

- WS100 has a minimum application thickness of 4mm and a maximum of 50mm+.
- Non-slip profile can be adjusted/reduced through the application of additional Jaxxon 1505 topcoats.
- Should not be applied in temperatures lower than 5°C.
- Non-flammable and doesn't pose a fire risk.

Storage & Disposal

Keep containers closed when not in use. Store below 50°C. Do not store in direct sunlight. Seek advice from your local council regarding accepted disposal methods.

First Aid

CAUTION: KEEP OUT OF REACH OF CHILDREN.

IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTRE (Australia - 13 11 26) or doctor/physician. If skin irritation occurs: Get medical advice/attention.



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