

IDENDEN WATER BASED STRUCTURAL ADHESIVE 10-188

Idenden Water Based Structural Adhesive 10-188 is a rapid drying, water borne, trowelling grade co-polymer adhesive with a wide range of uses, including bonding foam, cork, felt and fibrous slabs to themselves or to wood, glass, painted metal, rigid plastics or to building surfaces. Idenden Water Based Structural Adhesive 10-188 is approved by M.O.D. (Navy) to specification NES 782 for bonding Mineral Wool Marine Board to ships platingwork. Idenden Water Based Structural Adhesive 10-188 is off-white in colour, and is supplied as a trowel grade paste. It remains semi-flexible when dry, and exhibits very good water resistance.

Features

- Excellent adhesion qualities
- Very good wet tack
- Good specific adhesion to painted metal
- Safer and easier to use than solvent based adhesives
- Quick drying
- Semi-flexible and water resistant when dry
- Wide service temperature range
- Low flammability

Product Characteristics

Colour	Off white
Form	Trowel grade heavy paste
Weight per litre	1.25 kg
Composition	Co-polymer emulsion. Solids content 45% by volume
Packaging	10 litre polybuckets
Shelf life/storage	At least 12 months from date of manufacture when stored unopened in a cool, dry place within the temperature range +5°C to +25°C and out of direct sunlight. PROTECT FROM FROST

Typical Performance Data (approx.)

Drying time	<i>Bond:</i> 2-10 minutes <i>Through:</i> About 2 hours (Dependent on substrate type, film thickness and ambient conditions)
Service temperature	-15°C to +80°C
Application temperature	Above +5°C
Reaction to fire	<i>Wet:</i> Non-flammable <i>Dry:</i> Burns slowly
Coverage	1 square metre per litre at 100% coverage, 2 square metres per litre at 50% coverage

Solvent for cleaning up *Wet:* Water
 Dry: White spirit

Directions for use**IMPORTANT**

Before embarking on any work involving Idenden Water Based Structural Adhesive 10-188, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

1. Surfaces should be clean, dry and free from dust and any loose materials.
2. For the majority of applications, 100% surface coverage at the rate of around 1 square metre per litre is necessary. For applications such as low density fibrous insulation to metal ducting, or foamed insulation panels to walls where panels are standing on the floor it is acceptable to apply adhesive at the reduced rate of 2 square metres per litre, at 50% coverage in a cross-hatch pattern.
3. Clean application equipment and excess adhesive immediately with water.

NOTE: When bonding high density fibrous insulants or rigid foam insulants apply Idenden Water Based Structural Adhesive 10-188 to the insulant by notched trowel (with 3mm teeth) and immediately place into position and apply firm hand pressure.

When bonding fibrous slabs to masonry surfaces apply to masonry surface only and press slab into wet adhesive. If foil faced slabs are used, allow 24-36 hours for moisture to dissipate before completing the vapour barrier with Idenden self-adhesive aluminium tape.

Do not apply Idenden Water Based Structural Adhesive 10-188 in wet weather.

Precautions in Use

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate health and safety data sheet for Idenden Water Based Structural Adhesive 10-188.

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