

EVERBUILD INSTANT NAILS

DESCRIPTION

EVERBUILD INSTANT NAILS is a high strength solvent free gap filling adhesive that provides a quick “grab” and replaces mechanical fixings in a multitude of Home Improvement applications, both internally and externally. The product has exceptionally quick drying properties for a solvent free adhesive achieving over 50% of its ultimate bond strength in one hour. INSTANT NAILS dries white and is overpaintable when dry.

BENEFITS

- Solvent free - environmentally friendly formulation
- Excellent adhesion/bond strength - adheres to most common surfaces -QUICKLY
- Good early grab properties - usable in both vertical and horizontal positions.
- Dries white
- Will adhere to damp surfaces.
- Water clean up - no hazardous solvents.
- Overpaintable.

AREAS FOR USE

- Sticking wood, metal, PVC, most plastics, glass, aluminium, concrete, render, stone, paper, cork, ceramics plaster/plasterboard, rockwool, Pufoam board, Styrofoam, breezeblock etc
- Bonding dado rails, architrave's and skirting
- Fixing wall cladding direct to internal wall surfaces or timber battens.
- Fixing battens directly onto walls without fastenings.
- Bonding carpet gripper systems to most floors without the need for nails or tacks.
- Bonding stair nosing to concrete or wooden stairs.
- Securing aluminium or other skin panels to the framework of portable industrial buildings and caravans.

LIMITATIONS

- At least one surface must be porous.
- When used externally, protect from rain until cured.
- In damp, cold or humid conditions, curing time may be significantly extended.
- Do not use in permanently damp/wet conditions.
- Do not in situations where both surfaces are non-porous (eg plastic/plastic - metal/metal) - use GUN A NAIL EXTRA.
- Do not use as a mirror adhesive: use EVERBUILD POLYMER MS.

SURFACE PREPARATION

The surfaces to be glued should be clean and free from dust, grease and other contaminants. Wood, plaster and brick may be damp but not running wet (NOTE This will slow down the drying time). Use mechanical abrasion to clean porous surfaces if necessary before application.

APPLICATION

- Surfaces must be sound, clean, dry and free from dust, grease, loose material etc. At least one surface must be porous.
- Prime dusty surfaces with EVERBUILD PVA BOND diluted 1:4 with water and allow to dry.
- Apply using a standard sealant gun, cut tip of cartridge, apply nozzle and cut an opening to suite the required bead size.
- For bonding heavy items (Plasterboard/worktops/wall panels etc) apply adhesive all the way around the edge of the item (30-50mm from edge) and cover back with beads of adhesive at 300mm intervals. Alternatively, apply adhesive direct to battens and press into place. NOTE.
With heavy items, always provide temporary support until the adhesive dries.
- For bonding lightweight items (coving, dado rails, skirting etc) apply adhesive to back of item in one or two continuous beads and press immediately into place.
- Where gap filling is required, mark the areas where there is a large gap and apply a thicker bead to these areas.

In all cases, clean up excess adhesive immediately with a damp cloth.

SPECIFIC DATA

FORM	White thixotropic paste (ready to use)
VISCOCITY	3000+/- 1000cPs (Brookfield Sp70, 10rpm) (low)
COVERAGE	300ml will cover 11 linear meters. (6mm bead)
SOLIDS:	75-80%.
CURE	Initial: 30 mins. Final: 24 -48 hrs. (dep on substrate)
SPECIFIC GRAVITY	1.44 g/cm ³
FLASH POINT	None (solvent free)
OPEN TIME	Max 10mins at 23oC and 50% R.H
APPLICATION TEMP.	+4 - +35oC.
DURABILITY:	Up to 15 years when used as recommended.
SHELF LIFE:	Up to 18 months when stored in unopened containers under cool dry conditions. AVOID FROST.

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PRODUCT	BOND STRENGTH 30 MINS (N/mm ²)	BOND STRENGTH 60 MINS (N/mm ²)	BOND STRENGTH 24 HRS (N/mm ²)	B.STR (7 days)
<i>Instant Nails</i>	1.22	1.72	2.50	3.3
<i>Leading Brand</i> (solvent free)	Not determined	0.79	2.87	2.83

Test carried out beech to beech (overlap 1 inch x 1 inch on a 4 inch x 1 inch strips) Crosshead speed 50mm/min).

HEALTH AND SAFETY

Not hazardous to health in normal use. Wash the material from the skin whilst still wet. Material in contact with the eyes should be washed out immediately with water. Seek medical advice if irritation persists. See separate data sheet for full assessment.

STORAGE

]Store in original unopened containers between 15 and 20°C

SHELF LIFE

Use within 18 months.