

**REMOVES UP TO 30 COATS
IN A SINGLE APPLICATION****SOLVENT-FREE, WATER-BASED
CAUSTIC PAINT STRIPPER****NEUTRALISES AND REMOVES
OLD LEAD-BASED PAINT****DESCRIPTION:**

LANGLOW STRIP AWAY is the active component of a unique paint removal system. The product is a viscous, poultice paste utilising water-soluble sodium hydroxide as the highly alkaline active ingredient to break down and liquefy multiple layers of paint in a single application. The system relies on the **LANGLOW STRIP AWAY** paste being spread out evenly and consistently across the painted surface and then being covered by a unique laminated paper blanket which bonds to the stripper and at the same time retains its stripping activity within the surface ensuring full penetration and emulsification of all layers back to the base substrate. After 24 hours the blanket is slowly peeled away to remove all the paint stripping residues revealing the original clean surface. This system has a proven record in applications where other strippers find difficulty, such as ornate wrought iron work, decorative architectural and plaster mouldings and any carved woodwork or stone facades. **LANGLOW STRIP AWAY** has stripped paint to reveal ideal surfaces on softwoods, brickwork, finishing plaster, cement render, concrete, ceramic tiles, cast iron mouldings and structural steelwork.

PREPARATION:

Check that the substrate is resistant to high alkalinity. Composite materials, bound with natural glues or adhesives will be adversely affected by **LANGLOW STRIP AWAY** and should be avoided. Also Hardwood timbers may darken when in contact with high alkalinity, which may be prohibitive when the natural wood appearance is to be revealed. This is particularly relevant to fine Veneers, Oak, Hemlock, Mahogany and Douglas Fir where the use of our non-caustic, **LOW VOC** emulsified solvent based stripper, **LANGLOW STRIP AWAY LV** may be more appropriate on surfaces sensitive to high alkalinity. NB. **LANGLOW STRIP AWAY** is not suitable for use on any structure where it is likely to be in contact with aluminium.

TEST PATCH: All applications of **LANGLOW STRIP AWAY** paint removers require the use of a test patch to determine (a) the effectiveness of the stripper (b) what is the optimum thickness and residence time for the **LANGLOW STRIP AWAY** to be applied at and (c) whether there will be any detrimental effect to the substrate. This should be carried out on a small area, not more than about 6" x 6" in a low discrete location. Apply the test patch at about 2mm thickness, leave for 24 hours covered with a section of **LANGLOW STRIP AWAY** blanket, then reveal the area to determine its effectiveness.

APPLICATION:

If test patch has not yielded the desired result DO NOT PROCEED but consult the Palace Technical Department. Where it does demonstrate a successful outcome, full application of **LANGLOW STRIP AWAY** to the entire area can proceed. Preparation of surrounding areas should include taping over with polythene sheeting and protecting all surrounding structures and floor-coverings, which are not intended for contact with **LANGLOW STRIP AWAY**. Isolate the application area and post notices at access and egress points to alert passers-by of the danger from contact with either the **LANGLOW STRIP AWAY** itself or any of the **CORROSIVE** residues likely to be produced.

STRIPPING: Apply **LANGLOW STRIP AWAY** using a straight edged trowel, spatula or the spatula provided ensuring a consistent layer of about 3 to 6mm (depending on test patch results) is consistently achieved on all areas. Irregular surfaces will require the use of a synthetic brush to force the paste into crevices and grooves. When all areas are covered, apply the **LANGLOW STRIP AWAY** blanket cover to the paste with the plastic coated side facing out and ensuring all trapped air is gently removed from beneath the paper. After 24 hours removal of the stripping compound can proceed by slowly peeling back the paper at the same time as using a trowel to lever the paste away from the surface to reveal the bare substrate. Collect all paste residues in to sealed containers and mark up as corrosive waste. The revealed surface should be thoroughly washed down with hosed or running water and a scrubbing brush / sponge to remove any loose flakes and residual alkalinity.

NEUTRALISATION: Surfaces to be re-coated will require neutralisation with acetic acid (sold as **LANGLOW STRIP AWAY NEUTRALISER**) to return the surface to a contact PH of less than 8.5. **LANGLOW STRIP AWAY NEUTRALISER** is a mild acid with a pungent vinegar like odour and should be applied with great care (**GLOVES; OVERALL and FACE MASK**) to the cleaned and dry surface using a hand-held pump spray or a brush to soak thoroughly. Litmus paper is supplied to test the dampened surface and the colour chart will indicate what the PH has become after neutralisation. To achieve the safe level on a heavily treated and porous surface may require several repeat applications of neutraliser. On highly absorbent surfaces where re-coating is planned for the application of an alkali resistant primer **ZINSSER BULLS EYE 123** is recommended to ensure any residual alkalinity is sealed in and does not affect the subsequently applied finish coat.

HEALTH & SAFETY:**HAZARDS CLASSIFICATION: CORROSIVE – CAUSES SEVERE BURNS - USE WITH EXTREME CAUTION.**

Keep locked up and out of reach of children. Wear suitable rubber / PVC gloves, PVC overalls, safety boots and eye/face protection.

If swallowed do not induce vomiting – seek immediate medical assistance. Avoid contact with skin and eyes.

Wash splashes off skin immediately and remove affected clothing for prompt laundering.

In case of accident or if you feel unwell, seek medical advice and show container / label

**COVERAGE:**

The consumption of paste depends on the depth applied and the texture of the surface. On a flat even wall at 1mm depth, 15kg of **LANGLOW STRIP AWAY** will be sufficient to cover up to 11 square metres, however on a lightly uneven surface at an average depth of 2mm, the same bucket will only cover about 6 square metres. Always assess the test patch before estimating how much **LANGLOW STRIP AWAY** will be required.

STORAGE & PACKAGING:

Packed in sealed 15 kg & 3kg polypropylene buckets and should be kept in ambient conditions away from the risk of frost or sources of direct heat. Should further more specific technical information be required, contact the Palace Technical help-line on 0151 486 6101.

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request.