

ELASTO-KOTE *LT*



CUT EDGE LAP TREATMENT **FOR METAL ROOFS**



ELASTO-KOTE **LT**

Elasto-Kote LT is a cold liquid applied, fully bonded, seamless, metal corrosion inhibiting coating. Elasto-Kote LT waterproofing membrane provides a tough surface coupled with 650% elasticity. Ideal for commercial and industrial metal cut edge corrosion protection.

As an SEB / SEBS thermoplastic waterproofing system Elasto-Kote is designed specifically for application onto pitched metal roofs. With built-in Rust Inhibitor and FM approved, Elasto-Kote offers an exceptionally high performing lap treatment system.

Our product is a single component self-priming SEBS elastomeric thermoplastic which is applied in 2 coats and comes with a 10 year product guarantee as standard.

Typically showerproof in 30 minutes maximizing application time.

10 and 15 year guarantees available



METAL PROFILE ROOFS

A metal profile roof if not maintained will rapidly become vulnerable to accelerated deterioration through weathering resulting in delamination of surface coating and rust. Primarily along the cut edges, if untreated this can result in rapid roof deterioration and leaks.

Elasto-kote has a built in primer and rust inhibitor formulation, making it ideal to address the onset of lap edge rust.

The system also comes with detailing materials allowing complete lap edge renovation and restoring the roofs waterproofing structure, providing a clean lap edge.

KEY FEATURES:

- 650% elasticity
- No Fleece Required
- FM Approved
- Full technical support team
- Self Priming

BONDS TO:

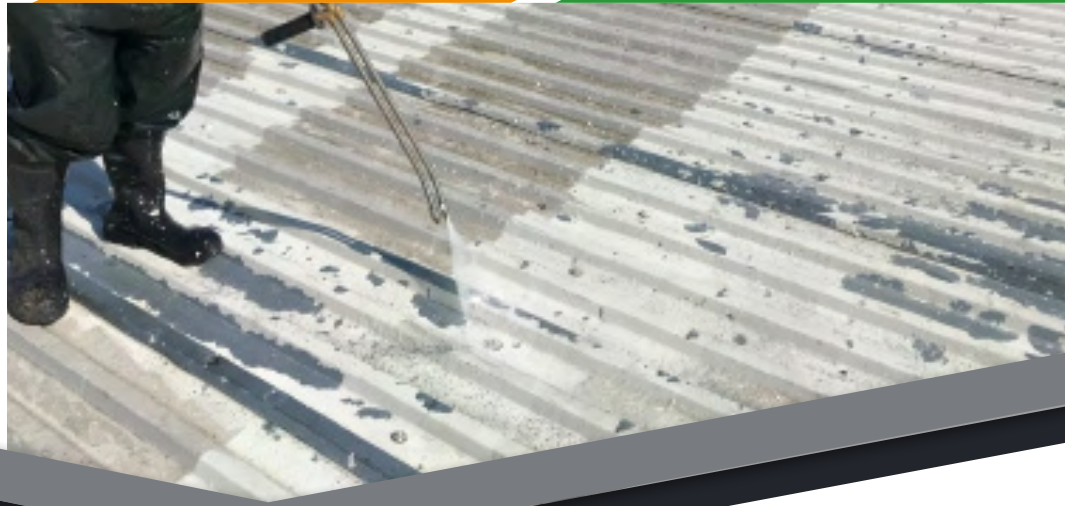
- Metal
- Plastisol

SUITABLE FOR:

Suitable for applications using brush, roller or with the use of an airless sprayer the application of Elasto-Kote LT is both fast and simple.



SELF-PRIMING



CLEANING:

Prior to coating, the entire area should be thoroughly cleaned down to remove all dirt, dust, corrosion, other contaminants or friable material, we advise using a 2000psi power wash and metal grinding disk.

The main criteria are to provide a clean, dry and sound metal surface to ensure the materials have a sufficient key to the metal surface.

PREPARATION:

Elasto-Kote LT can be applied to all metal surfaces for the purpose of corrosion protection. Although the surface and profile may vary slightly, the method is usually always the same.

Where required, areas of vulnerability should be detailed with KarnaFlex or KarnaFlex Tubes. For larger cracks or damaged areas KarnaFlex Tape can be used to reinforce these areas.

Embed the KarnaFlex Tape in 1ltr of KarnaFlex over the damaged area.

Using a brush, smooth the KarnaFlex Tape over forcing the KarnaFlex through the KarnaFlex Tape. Dapping the KarnaFlex Tape with the brush is usually the most effective method of achieving the required finish. Apply additional 1ltr of KarnaFlex as required to fully embed the KarnaFlex Tape.

Ensure no creases or blisters are in the KarnaFlex Tape. When using KarnaFlex Tape completely saturate it with the KarnaFlex to ensure maximum adhesion and a smooth finish.

SIDE LAPS & MID LAPS DETAIL:

Once the surface has been cleaned and fully prepared all Side Laps & Mid Laps will need to be detailed in using either KarnaFlex or KarnaFlex Tubes.

Using KarnaFlex tins, the product will need to be back brushed in to the joint or gap of the Side Lap or Mid Lap ensuring the joint is completely sealed.

If using KarnaFlex Tubes a bead of approx. 6mm x 6mm will need to be applied on the joint of the Side Lap & Mid Lap to completely seal the joint.

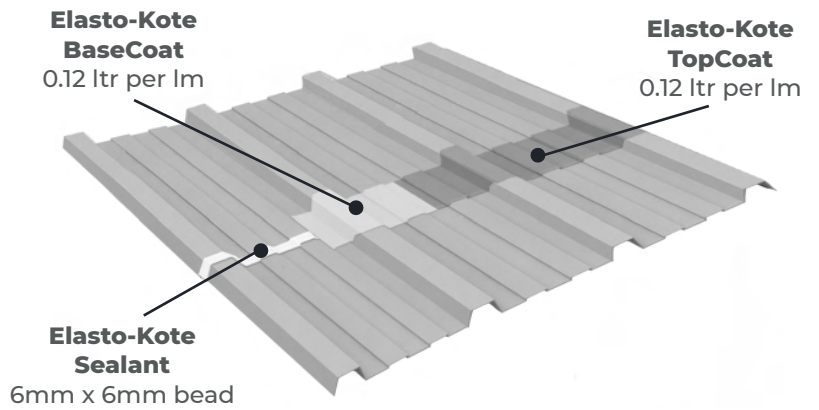
LRS advise to feather out the edges of the KarnaFlex using a brush or similar.

When waterproofing the Mid Lap LRS advise this is approx. 200mm wide which should include the top bolt fixing.



MID LAP TREATMENT

TYPICAL MID LAP TREATMENT BUILD-UP



SIDE LAPS & MID LAPS DETAIL:

Once the surface has been cleaned and fully prepared, all side laps & mid laps will need to be detailed using either KarnaFlex or KarnaFlex Tubes.

On mid laps, ensure KarnaFlex is back brushed into the joint or gap of the Side Lap or Mid Lap ensuring the joint is completely sealed.

If using KarnaFlex Tubes a bead of approx. 6mm x 6mm will need to be applied on the joint of the side lap & mid lap to completely seal the joint.

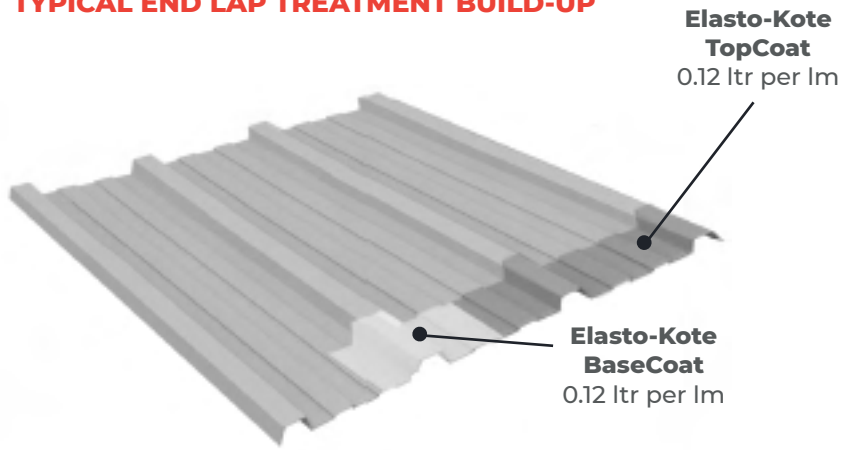
All midlaps will need to be detailed using Karna-Flex tape and Karna-Flex. Ensure the top bolt fixing is covered with the Karna-Flex tape approx. 200mm wide.

Apply 1ltr per m² of Karna-Flex and while wet lay the Karna-Flex Tape into the wet coatings. This will need to be fully saturated and left with a smooth finish, then apply an additional; 0.5ltrs of Karna-Flex over the top.

LRS advise to feather out the edges of the KarnaFlex using a brush or similar.

When waterproofing the mid lap, LRS advise this is approx. 200mm wide. Ensure that the area treated includes the top bolt fixing.

TYPICAL END LAP TREATMENT BUILD-UP



END LAP DETAIL:

Once the surface has been cleaned and fully prepared all end laps will need to be detailed using either KarnaFlex or KarnaFlex Tubes.

If using KarnaFlex Tubes a bead of approx. 6mm x 6mm will need to be applied on the end lap to completely seal the joint.

LRS advise to feather out the edges of the KarnaFlex using a brush or similar.

When waterproofing the side lap LRS advise this is approx. 200mm wide. Ensure that the area treated includes the top bolt fixing.

ELASTO-KOTE BASECOAT:

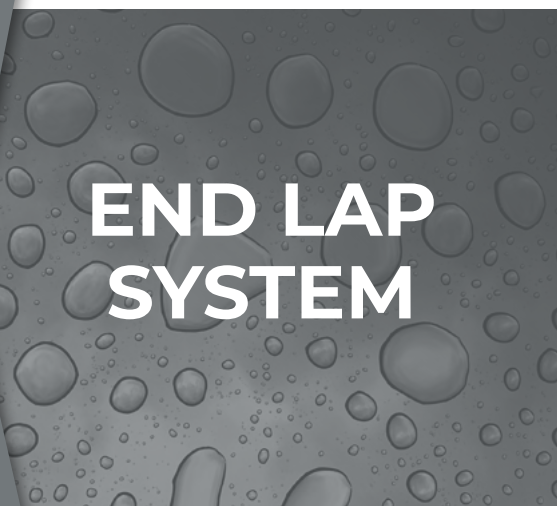
Once all detailing is complete the first coat of Elasto-Kote Lap Treatment can be applied at a coverage rate of 0.12ltr per linear meter, this will equate to 0.6ltr per m².

A minimum of 24 hours is needed before applying the second coat of Elasto-Kote Lap Treatment.

ELASTO-KOTE TOPCOAT:

Once the first coat is completely cured the second coat of Elasto-Kote Lap Treatment can be applied at a coverage rate of 0.12ltr per linear meter.

Elasto-Kote should be applied by either brush, roller or airless sprayer.



ELASTO-KOTE



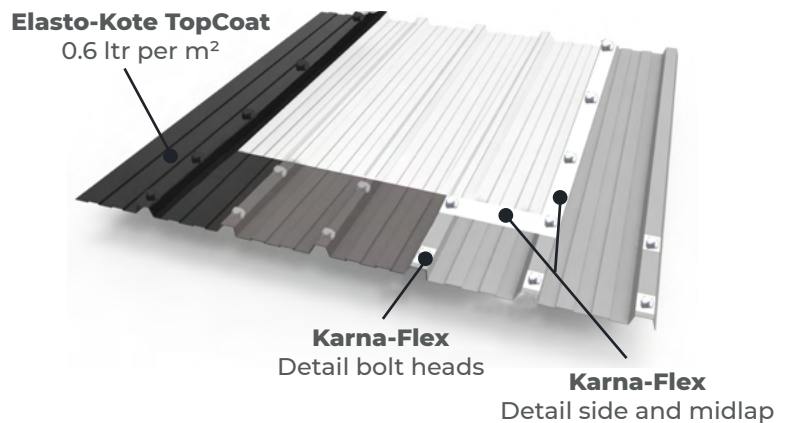
Elasto-Kote is an SEB / SEBS thermoplastic waterproofing system designed specifically for application onto pitched roofs and ideal for metal, coated metal, concrete and asbestos surfaces. Built-in Rust Inhibitor and FM approved, Elasto-Kote offers an exceptionally high performing waterproofing elastomeric system. Our product is a single component self-priming SEBS elastomeric thermoplastic which is applied in 2 coats and comes with a 10 year product guarantee as standard (15 & 20 year guarantees available).

Elasto-Kote is a highly elastic waterproof roofing system specifically designed for waterproofing pitched metal, coated metal, concrete and asbestos roofs (also compatible with spray foam insulation). Up to 85% solar reflective system with 650% elongation.

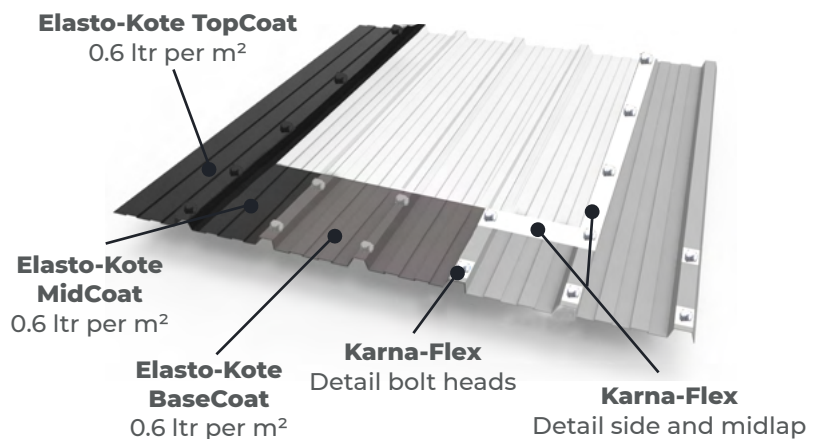
This system is resistant to ponding making it suitable for the entire roof structure including drainage. The product can be applied above 5°C and dries within 4 hours, typically shower proof in 30 minutes. Suitable for applications using brush, roller or with the use of an airless sprayer the application of Elasto-Kote is both fast and simple.

FULL ROOF SYSTEM

TYPICAL 10 YEAR METAL BUILD-UP



TYPICAL 20 YEAR METAL BUILD-UP



BENEFITS



Sprayable



Self-Priming



650% Elongation



2 Coat Application



No Fleece Required



Single Component

TECHNICAL STATISTICS

Dry film thickness:	1.8ltr 1.2-1.8mm
Application rate:	1.2ltr - 1.8ltr
Cure time:	Min overcoat 12-24 hours
Fire test:	FM approved
Application temperature:	5°C+ - - 40°C
Specific gravity:	1.05 - 1.15 (H2O=1)
Load strength:	1650 psi
Elongation:	650%

BONDS TO (No primer required)

Metal	✓
Plastisol	✓
Asbestos	✓
Concrete	✓
Fibre cement	✓

PRODUCT RANGE TABLE

PRODUCT	SIZE	CODE	COLOUR
Elasto-Kote	18.9ltr	EK502BC19LG	Light Grey
Elasto-Kote	18.9ltr	EK502BC19PG	Portland Grey
Karnaflex	850ml	KF0.8W	White
Karnaflex	850ml	KF0.8B	Black
Karnaflex	3.4ltr	KF3.4W	White
Karnaflex	3.4ltr	KF3.4B	Black
Karnaflex	10.5ltr	KF10.5W	White
Karnaflex	10.5ltr	KF10.5B	Black
Karnaflex Tape	100mm	KFT100	White



Note: The information contained in this sheet is accurate to the best of our current knowledge. The products are of the highest quality and standard with regard to production tolerances. Elasto-Kote LT shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of our systems please consult our technical team.





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