



## General application guidelines

All Ultralast products are required to penetrate the substrate of any surface, metal, concrete, steel, timber and others. To ensure this, the correct preparation must be adhered to optimise the Ultra Bond penetration.

### Cleaning Preparation

#### Step 1

**Clean surfaces** thoroughly from dust particles, flakes, etc and where necessary use pressure guernies. Where surfaces are difficult to clean and may contain oily films, or hard dried dust, we recommend Green Klean application.

**Apply Green Klean** to the surface where necessary for oily surfaces or tough Grime and allow to sit for 10 to 20 minutes depending on degree of difficulty. For long term dried solidified dust and grime ensure good cover of Green Klean. Then wash down surface with water. Where necessary use high pressure gennie or scrub.

### Preparation and Application of products

For almost all surfaces a single coat of ultra bond is more than sufficient. However, very smooth surfaces may require sanding with Ultra Bond. Sand surface with 40 grit sand paper on galvanized metals and Vitreous surfaces. Some surfaces may require 2 coats of bond. Light sanding between coats is preferable. Some very porous surfaces may also require 2 coats.

#### Timber Preparation

##### Step 1

Clean surfaces as described above, using Green Klean if necessary and is preferable.

##### Step 2

Where treatment of wood is required, Timber safe product should be used before bond is applied. Ultra bond should be used on top of timbersafe for applications requiring long term guarantees (5 years Plus).

##### Step 3 – Curing time

Considering that absorption and curing times vary with timber types, ensure that products are absorbed and no residues are showing. Eg in the case of TimberSafe, pine behaves very differently to some hardwoods such as Spotted Gum. Where such cases may exist, some light sanding may be required followed by light wet wipe. Once done, application of top coats such as stain and varnish of general top coats follow.

## General Metal Surfaces Preparation

### Step 1

Clean surfaces as described above, using Green Klean if necessary and is preferable.

### Step 2

Apply one coat of metal primer in lieu of Ultra Bond. Apply primer by brushing, rolling or spraying

## Galvanized Sheet Metal or Hot dip Galvanized Preparation

### Step 1

Ensure surfaces are cleaned thoroughly. Where grime and oils apply green klean and remove.

### Step 2

For best results, sand surface with Bond as a first application and let dry for half an hour or till touch dry

### Step 3

Apply one coat metal etch primer. Once complete the surface is ready for any top coat

## Application of Top Coats

Ultra last top coats can be applied on any surface once Ultra Bond or Ultrametal primer has been applied. Such surfaces can be any brick and mortar, steel, timber, etc as detailed in the preparation section. Ultralast top coats should be applied at least when touch dry and at no later than twelve (12) hours after application of Bond.

Always apply at least two (2) coats of the chosen Ultralast top coat for best results. Each coat has its common properties as per Ultralast key features, and some particular features appropriate to the application. For these refer to the individual product sheet. All top coats are interchangeable and can use any combination once Bond is applied. Example; can use ultra coat as one coat and anti slip on top. Similar if it was timber.

### Step 3

Apply first coat of the chosen top coat. Recommend that the first coat is treated as if it is the final coat in the general industry. Therefore quantity and quality should be right.

### Step 4

Where very smooth finishes are required, sanding between coats is preferable particularly with timber finishes. For most applications this is generally not required.

### Step 5

Apply second coat of Metal coat.

### Step 6

A third coat of any top coat is optional and is for feature finishes as considered necessary by the applicator. For example, in the case of stain and varnish, a clear coat can be added as the third coat for higher gloss finish

## Special Applications

Some non standard applications may require a combination of top coat products to suit the required finishes. For example Superseal and Nu pave in swimming pools, Clear coats to suit

level of gloss or protection and maintenance of existing surfaces finishes. For such applications, please contact us or our representatives for detailed recommendations

## **General**

1. The application thickness of each of the above products is detailed on the technical data sheet (TDS)
2. After applying Ultra-Bond, allow to dry fully. Dry time is 15 minutes - 1 hour depending on humidity and temp.
3. After applying Ultra-Bond, allow to dry fully. Dry time is 1 hour average depending on humidity and temp.