Bimagrip® Anti-Skid System Application

Kit includes

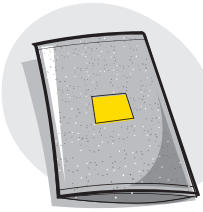
Acraprime SP
5 Litres

Bimagrip® LS/HD
12.5Kg 3K Kit

PACK A:
Curing Agent

PACK B:
Resin & Bucket

PACK C:
Sand



Aggregate
25kg

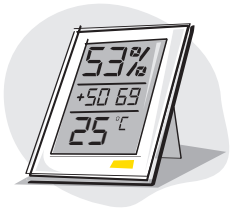
Squeegee
6mm / 8mm

Tools required

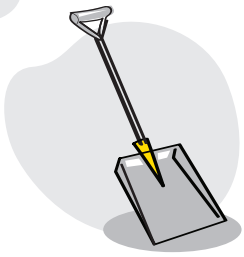
Masking Tape

Roller

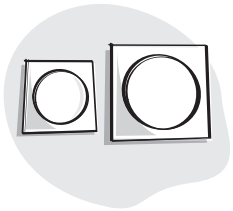
Thermometer



Solvent
& Cloth

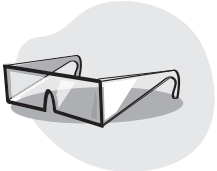


Spade



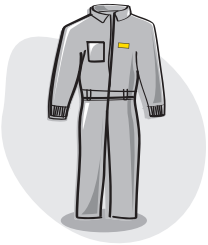
Masking for
Lashing Point

PPE MUST be worn at all times



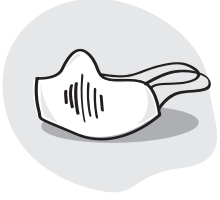
Eyewear

Gloves



Overalls

Headgear



Face Mask

Boots

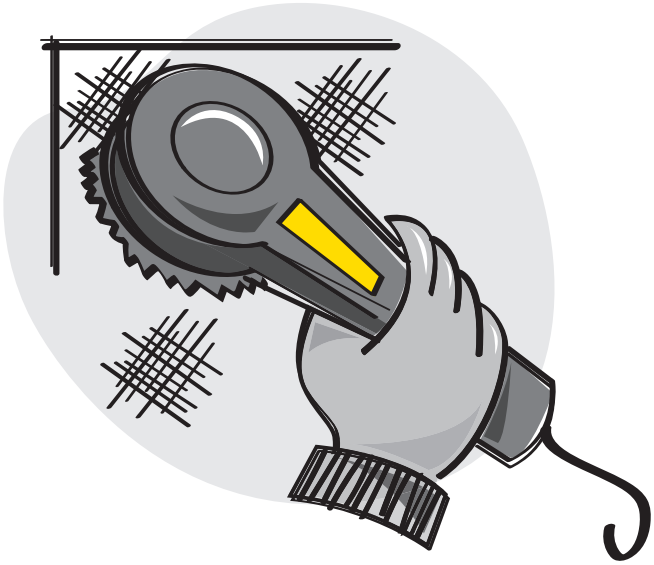
1 Steel Preparation

All shop or holding primer must be completely removed.

The steel surface should be prepared by grit blasting to SA 2.5 OR by disc abrading to ST 2-3.

Ensure no oxidisation.

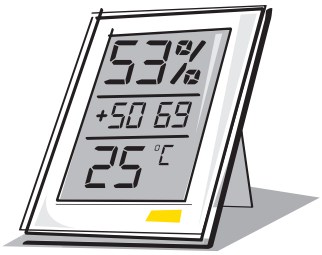
In difficult to reach areas disc abrade to ST3.



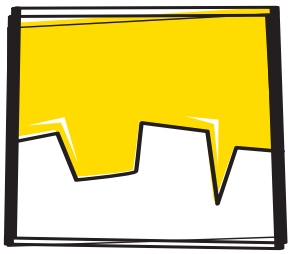
Remove any dust and contamination.

If grinding tools used then prior to application wipe down surfaces with hydrocarbon epoxy or similar.

2 Applying Acraprime SP



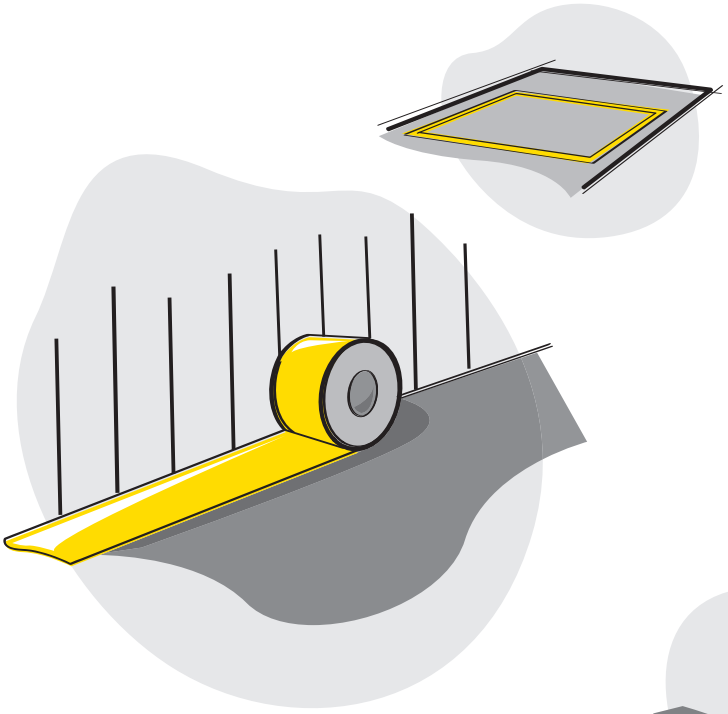
Working conditions:
35-85% RH, 5-35°C



10-11m²/1 Coverage

Ensure no contaminants.

Apply within 4hrs of steel preparation.



Mask off any areas that are not to be coated with masking tape.

Mix the contents thoroughly and apply with a suitable sponge roller.

Tack free within 1hr (20°C).

3 Bimagrip® LS/HD application

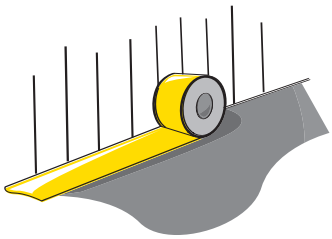
Bimagrip® pack contents

PACK A:
Curing Agent

PACK B:
Resin & Bucket

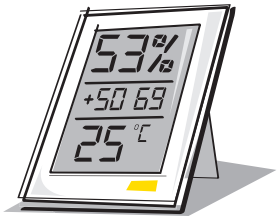
PACK C:
Sand

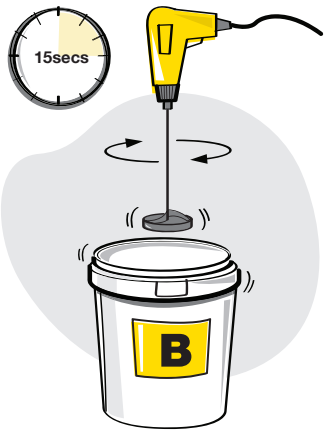
Must be applied within 12 hours of Acraprime treatment. Ensure Acraprime SP is tack-free.



Masking – Mask areas not to be coated including lashing points.

Working conditions: 35-85% Rh, 5-35°C. Steel surface 3°C higher than dew point

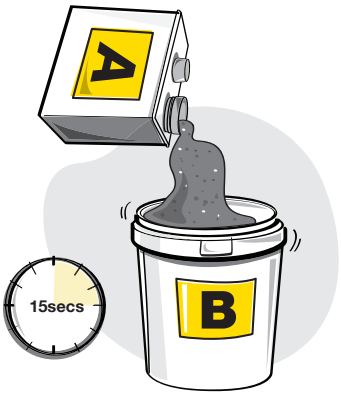


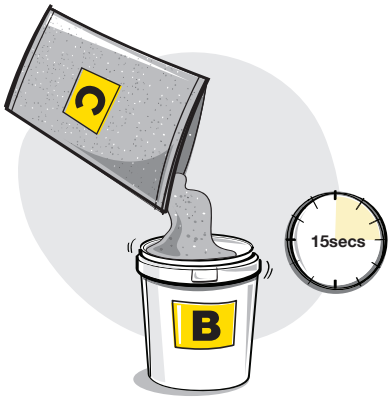


Mix Pack B Resin thoroughly for 15 seconds.

Pour Pack A Curing Agent into Bucket B.

Mix for 15 seconds.





Pour Pack C into Bucket B.

Mix for 15 seconds.

Immediately pour mixed resin onto primed surface.

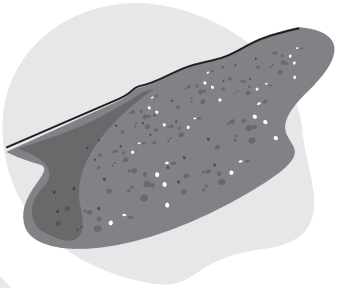
Spread evenly and allow to self level.

6MM HD | 8MM LS

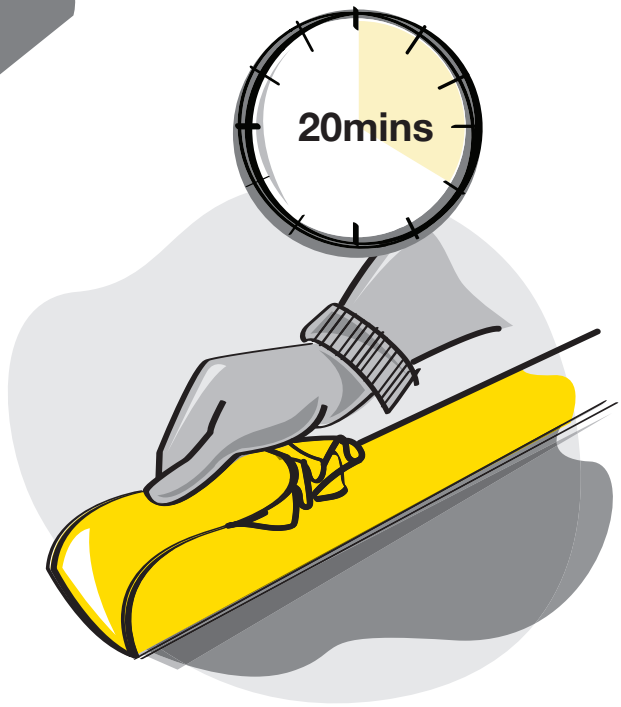
Squeegee size

4 Aggregate application

Apply after 20mins under supervision from site supervisor.



Apply emery generously until resin is no longer visible.



IMPORTANT:

After 20mins remove masking tape and clean treated area.

Remove excess emery.
Check the resin curing under supervision.

5 Additional Information

Top Coat Procedure for Bimagrip® NEW BUILD ONLY

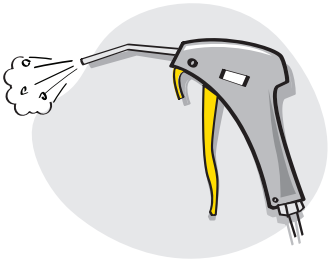
To aid cleaning and consolidation of the aggregates we recommend applying a coat of either epoxy or polyurethane paint. There is no loss of surface profile or anti slip properties as long as the coatings are correctly applied.

PCTCs coating must be applied in accordance with the following specification:

Once the Bimagrip® coating has cured all excess aggregates must be removed.

Such sweeping operations should be carried out 2-3 times.

Immediately prior to applying the coating the Bimagrip® surface should be blown clean with compressed air to ensure removal of any remaining dust and deleterious matter.



SPRAY COATING

Dry film thickness (DFT): 75-125 microns per coat

Total DFT for 2 coats: 150-250 microns

Immediately prior to the vessel handover apply a second application at a minimum of 100-150 microns.

Topcoat to be applied by spray with DFT and application in accordance with makers instructions

FAILURE TO CARRY OUT THE SWEEPING AND COATING PROCEDURES CORRECTLY WILL RESULT IN THE DISLODGING OF AGGREGATE PARTICLES DURING INITIAL LOADING AND UNLOADING OPERATIONS. ON PCTCs THIS CAN HAVE SERIOUS IMPLICATIONS.