

COLAS PRODUCTS DATA SHEET

ANTISKID SHEETS



Antiskid Sheets are skid resistant thermoplastic sheets available in a variety of colours which are ideal for application on bus and cycle lanes as well as other high stress areas. **Antiskid Sheets** are easy to use, can be cut to size and are instantly trafficked once cooled. **Antiskid Sheets** are non-toxic, contain no lead or chromate pigments and are skid resistant to >55 SRV.

PREPARATION

Antiskid Sheets are easy to apply to bituminous and concrete surfaces. Before application always ensure the area is clean, dry and free from dust, oil and fuel residues. **Premark Primer** should be used when **Antiskid Sheets** are applied to concrete, stone and worn macadam surfaces. Ensure that the primer is completely dry before the material is applied. In cold conditions warming the surface prior to application is required to enhance adhesion.

APPLICATION

Antiskid sheets should be placed on the surface with the beaded top coat facing up making sure the individual pieces are positioned correctly and with no gaps in-between.

The material should be heated using a powerful gas burner (pressure min. 3 bar). Move the flame slowly but steadily 10-30cm over the material in a sweeping motion so that heat is evenly applied. The material must be heated until all the material is liquid (approx. 200°C).

If enhanced skid resistance is required calcined bauxite should be applied using a shovel as soon as the **Antiskid Sheet** material is molten and, working in small areas (approximately 200mm) at a time, ensure that it has

embedded into the melted **Antiskid Sheet**. Repeat the process until the **Antiskid Sheet** is completely covered.

Once cooled the excess bauxite should then be removed using a stiff brush, with any areas where bauxite has not been retained being reheated and further bauxite applied.

Applying insufficient heat to the **Antiskid Sheets** will result in inadequate bonding and subsequent failure of the material. If overheated, superficial scorching of the material can occur resulting in brown blotching, but this discolouring will soon disappear once the **Antiskid Sheets** are exposed to traffic and weather.

COVERAGE

Each sheet will cover an area of 1m x 600mm. 1 x 25kg bag of 1-3mm calcined bauxite is sufficient to treat three **Antiskid Sheets**.

PACKAGING

Antiskid Sheets are supplied in flat pack boxes each box contains 5 sheets (1000mm x 600mm).

STORAGE

- Keep flat and store in a cool, dry place – between 2°C and 32°C
- Maximum of 25 packs high
- Shelf life in sealed packaging is 12 months
- In cold weather, application will be assisted by storing overnight at room temperature

STANDARDS

Complies to EN 1436 Classes: S3, Q3, R3.

SAFETY

SAFETY HANDLING PRECAUTIONS (when hot)

- Wear suitable protective clothing (heat resistant gauntlet gloves, overalls, protective footwear, face visor)
- DO NOT allow water to contact hot material
- DO NOT exceed maximum safe heating temperature
- If molten material contacts skin:
 - DO NOT attempt to remove
 - Immerse affected area in cold running water for at least 10 minutes
 - Seek medical advice without delay

For full safety information, please request the **Antiskid Sheet** Safety Data Sheet 106 using the contact information below.

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