

Technical Data Sheet

CB103 -Clear Brushable Grade Contact Adhesive



DESCRIPTION:

Lockfast CS103 is a versatile, brushable, solvent based contact adhesive.
CS103 is suitable for bonding varying materials to themselves and substrates.

RECOMMENDED USES:

- Metal Foils
- Commercial Flooring Vinyl
- Plastic laminates to themselves or to timber or particle board
- Polyurethane Foams
- Carpets
- Timber veneers

LIMITATIONS:

- CB103 is not suitable for expanded polystyrene foams.
- Always test a small area of the materials to be bonded to evaluate the suitability of the adhesive to both material and substrate.
- Staining is possible on some materials

PERFORMANCE DATA:

| Element | Value |
|--|---|
| Minimum Application Temperature: Air | +10°C |
| Maximum Application Relative Humidity: Air | 80% |
| Flash Point: | -22°C |
| Adhesion Properties to correctly prepared surface: | ~ Fabrics ~ Metal ~ Timbers |
| Type: | Brushable Contact Adhesive |
| Base: | Polychloroprene Rubber / Resin |
| Adhesive Solids: | 18 – 22% |
| SG kg/litre: | 0.8 |
| Colour: | Natural (Honey Coloured) |
| Coverage: | Approximately 6m ² per litre /per surface (3m ² of bonded area per litre) |
| Open Time: | +25°C –50%RH 1 – 10 minutes (depending on porosity of materials and ambient temperature). |
| Clean Up: | Solvent HA |
| Dangerous Goods Class: | Refer SDS |
| Packaging: | 20 litre Pail 4 litre Tin 1 litre Tin |
| Shelf life: | 6 months from date of manufacture in unopened containers at 5 -30°C. |

SURFACE PREPARATION :

It is essential that the surfaces to be bonded are dry and clean.
All traces of dust, oil and dirt must be removed; it may be necessary to wipe surfaces with Solvent HA.

MIXING METHOD:

Stir adhesive thoroughly before using. A small amount only of Lockfast Solvent HA may be added to thin if necessary.

APPLICATION METHOD:

Roller | Brush | Spreader

For good results, the temperature of the adhesive and materials to be bonded should be above +10°C with relative humidity below 80%.

CAUTION:

The rapid drying of the solvent in cold/damp conditions may cause blooming (water condensation on the surface – a whitening effect). This will affect adhesion. Improve forced air ventilation or warm the area or wait until the blooming dissipates.

- Apply a uniform coat of adhesive on **both surfaces** to be bonded.
- Allow adhesive to dry until it feels slightly tacky to the touch.
(This will take 1 – 10 minutes depending on porosity of materials and ambient temperature).
- On porous surfaces (e.g. edges of particle board), it is desirable to apply a second coat of adhesive.
- Once the adhesive has dried to the slightly tacky stage, the materials may be joined immediately or up to 30 minutes later.
- Accurately position the surfaces to be bonded then bring the coated surfaces together with smooth, firm pressure.
- Final bond strength will be obtained after 48 hours.
- Rolling with a square edge or round edge heavy hand roller will dramatically improve adhesion.

HEALTH & SAFETY: Refer safety data sheets (SDS).

- Wear appropriate safety equipment and clothing
- Contains potentially strong solvents (toluene, ketones, and aliphatic hydrocarbons). Breathing of vapour should be avoided.
- Use organic vapour masks; particularly in confined spaces.
- The use of fans to provide positive forced air draft and/or extraction is recommended.
- Do not use CB103 near naked flames, electric heaters, electric motors or other sources of ignition such as gas pilot lights.
- Avoid skin contact.

ADHESIVE RANGE:**Solvent-based**

| Product | Type | Colour | Application Method | Installation Type |
|-----------|-------------------|--------|------------------------|--------------------------------------|
| CB103 | Brushable Contact | Straw | Brush Roller | Various – Refer Technical Literature |
| CS110 | Sprayable Contact | Straw | Brush Roller Spray | Various – Refer Technical Literature |
| CS107 | Sprayable Contact | Red | Brush Roller Spray | Various – Refer Technical Literature |
| Quicktack | Trowel Grade | Cream | Trowel | Garage & Outdoor Carpet |

Water-based

| Product | Type | Colour | Application Method | Installation Type |
|--------------------|--------------------|-----------|--------------------|--|
| Duracryl HSV | Acrylic | Off-white | Trowel | Vinyl – all types Vinyl Planks* ¹ |
| Supacryl | Acrylic - Zero VOC | White | Trowel | Vinyl – all types Vinyl Planks |
| Truestik VA1 | Acrylic - Zero VOC | Off-white | Trowel | Vinyl – all types Vinyl Planks |
| Supatack T9 -Gen 2 | Acrylic | Off-white | Trowel | Vinyl – all types Vinyl Planks |
| Goldstix | Latex-based | Off-white | Trowel | Carpet |
| RMA 2000 CTA | Acrylic | Pink | Trowel Roller | Carpet Tiles Polystyrene |
| Super 7 | Acrylic | Off-white | Trowel | Rigid Vinyl Tiles Direct Stick Carpet Underlay |

Epoxy | Polyurethane

| Product | Type | Colour | Application Method | Installation Type |
|-------------|---------------------|--------|--------------------|--|
| NPU | 2-part Polyurethane | Beige | Trowel | Various – Refer Technical Literature |
| Truestik EA | 2-part Epoxy | Green | Trowel | Various – Refer Technical Literature* ² |

*1 Recommended adhesive for vinyl plank

*2 Recommended adhesive for vinyl planks in areas exposed to solar heat gain.

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