

Technical Data Sheet

CS107 - Red Spray Grade Contact Adhesive



DESCRIPTION:

Lockfast CS107 is a versatile, sprayable, solvent based contact adhesive. CS107 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:

- CS107 is not suitable for expanded polystyrene foams.
- Always test a small area of the particular 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 Excellent Excellent Excellent
Type:	Sprayable Contact Adhesive
Base:	Polychloroprene Rubber / Resin
Adhesive Solids:	18 – 22%
SG kg/litre:	0.85
Colour:	Red
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
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:

Spray | Roller | Brush

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 CS107 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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