

EPOXY SF BONDING PRIMER #104

Solvent-Free Epoxy Bonding Primer

A solvent-free, epoxy-based bonding primer that promotes strong adhesion between prepared substrates and subsequent epoxy coatings.

EPOXY SF BONDING PRIMER #104 is a two-component, epoxy-based bonding primer built on a bisphenol-A (epichlorhydrin) epoxy resin system. It penetrates and seals prepared surfaces to deliver a sound, well-keyed base for follow-on epoxy systems. Its translucent clear film cures to a tough, chemically stable bond coat.

Strong Adhesion:

Epoxy chemistry provides an excellent key between prepared substrates and subsequent epoxy coatings.

Substrate Sealing:

Penetrates and consolidates porous surfaces to reduce pinholing in the finished system.

Chemical Stability:

Cured film resists a wide range of chemicals and provides a durable bond coat.

Clear Finish:

Translucent clear film that does not obscure the prepared substrate.

High Flash Point:

Flash point of 260°C for safer handling and storage compared with conventional solvent primers.

FIELDS OF APPLICATION

- ▶ Concrete substrates
- ▶ Cementitious screeds
- ▶ Prepared metal surfaces
- ▶ Base coat for epoxy flooring systems
- ▶ Industrial floor priming

System Design



Primer Epoxy SF Bonding Primer #104

Substrate

Technical Profile*

PHYSICAL STATE at 25°C	Liquid
COLOUR	Translucent clear
ODOUR	Characteristic
SPECIFIC GRAVITY	1.00 – 1.20
FLASH POINT	260°C
TYPE	Epoxy-based system
STORAGE	Below 30°C

* Typical properties of unmixed material at 25°C. Values may vary with site conditions, substrate and application method.



Model Specification

System	EPOXY SF BONDING PRIMER #104
Type	Epoxy-based bonding primer
Manufacturer	Sparco Paints (S) Pte Ltd

Preparatory work and application in accordance with manufacturer's instructions.

Surface Preparation

Substrate must be dry, sound, clean and free from oil, grease, loose material and other bond-inhibiting contaminants. Prepare mechanically and remove all dust and loose particles before application.

Packaging

Product	Pack Size
EPOXY SF BONDING PRIMER #104	Two-component set
Solvent (cleaner)	Xylene / Toluene, as required

Warranty

LIMITED WARRANTY: Sparco Paints (S) Pte Ltd warrants that, at the time and place of shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. As Sparco Paints (S) Pte Ltd has no control over the use to which others may put its products, it is recommended that products be tested to determine suitability for specific applications. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for its specific application and assume all responsibility in connection therewith.

Application Guidelines

Parameter	Value
Type	Epoxy-based system
Physical state at 25°C	Liquid
Specific gravity	1.00 – 1.20
Flash point	260°C

IMPORTANT

Store below 30°C and keep from freezing. Keep away from heat, sparks and open flame, and protect from direct sunlight. Use only with adequate ventilation.

Product Preparation

Store under cover in dry conditions, protected from extremes of temperature. Condition the material to approximately 25°C before use to ensure consistent workability.

Mix the two components thoroughly and homogeneously before application, and process within the pot life.

Cleaning

Remove uncured primer from tools and equipment with suitable solvents such as Xylene or Toluene immediately after use. Cured material may only be removed mechanically.

Storage

Store below 30°C in unopened original packaging, away from sunlight, heat and all sources of ignition. Keep from freezing.

Health & Safety

EPOXY SF BONDING PRIMER #104 is physiologically harmless once cured. Standard safety precautions are advised when handling — refer to the Safety Data Sheet (SDS) for full details.

Technical Assistance

Please contact Sparco Paints (S) Pte Ltd for technical assistance, specification support and application advice.