



# Technical Data Sheet

## BC Tramark 350

### High-Performance Multipurpose Epoxy Adhesive for Road Marking

#### 1. Product Description

BC Tramark 350 is 100% solids, two-component, high-modulus epoxy adhesive formulated for road marking, cat's eye installation, studding, anchoring, and heavy-duty bonding applications.

It is moisture-insensitive and provides excellent adhesion to concrete, asphalt, metal, ceramic, and wood under a wide range of site conditions.

Designed for fast curing at temperatures above 4°C, it develops a tough, rigid, wear-resistant epoxy matrix ideal for demanding road and industrial environments.

#### 2. Advantages

- Excellent adhesive for road markings, cat's eyes, and reflective studs
- Bonds concrete toppings to hardened concrete substrate
- Moisture-insensitive – suitable for dry or damp surfaces
- Excellent adhesion to concrete, asphalt, steel, ceramic, and wood
- Chemical-resistant against acids, alkalis & de-icing chemicals
- Tough, rigid, wear-resistant epoxy coating for industrial floors
- Can be extended with sand/aggregate for thick build

#### 3. Typical Applications

BC Tramark 350 is recommended for:

- Fixing cat's eyes / reflective road studs
- Bonding thermoplastic & cold-applied road markings
- Bonding concrete slabs, precast sections & repairs
- Anchoring steel components
- Adhesive binder for industrial floors
- Protective coating for concrete against chemicals



## 4. Technical Data

Property	Test Method	Result
Appearance	Visual	Component A – White, Component B – Black
Mixed Color	Visual	Grey
Mix Ratio (A:B)	By weight	1:1 (12.5 kg : 12.5 kg)
Gel Time @ 23°C	ASTM C881	8 minutes
Bond Strength	ASTM C882	3000 psi (20.7 MPa)
Compressive Strength	ASTM C109	1 day: 7,400 psi (58.0 MPa) / 3 days: 9,400 psi (64.8 MPa) / 7 days: 12,000 psi (82.8 MPa)
Hardness	ASTM D2240	86 ± 5 (Shore D)
Solids Content	—	100% solids
Application Temperature	—	Minimum 4°C
Service Temperature	—	-10°C to +70°C
Cure Time	—	Light Traffic: 3–4 hrs / Full Cure: 24 hrs

## 5. Surface Preparation

Ensure the substrate is:

- Clean, dry (or damp but not wet)
- Free from oil, dust, laitance, grease, or contaminants

For concrete:

- New concrete must be minimum 28 days old
- Surface must be roughened and porous
- For repairs: remove all weak, loose & unsound material



## 6. Mixing

1. Add Component B (Black) completely into Component A (White).
2. Mix thoroughly using a drill & jiffy mixer for 1–2 minutes.
3. Scrape sides & bottom to ensure uniform consistency.
4. Mixed material must show uniform grey color with no streaks.

## 7. Application

Apply using:

- Roller
- Squeegee
- Spatula
- Trowel

Guidelines:

- Spread uniformly; avoid puddling
- On highly porous surfaces, apply a second coat if necessary

## 8. Packaging

BC Tramark 350 is supplied in:

25 kg Kit

- Component A: 12.5 kg
- Component B: 12.5 kg

## 9. Storage & Shelf Life

- Store between 5°C – 35°C in a dry shaded area
- Shelf life: 2 years in unopened containers

## 10. Health & Safety

- Avoid contact with skin & eyes
- Use gloves, masks, and protective goggles
- In case of contact, wash immediately with water
- Do not use open flames for heating

Refer to BCI Safety Data Sheet (SDS) for detailed instructions.

### DISCLAIMER

The data presented in this sheet are based on laboratory testing and practical experience. Variations in substrate, application method, and environmental conditions may impact performance. Users are advised to carry out tests under their own conditions. Building Chemistry Industry's responsibility is limited to the product replacement in cases of proven manufacturing defect.

