

Product Data Sheet

CasTech Coat WB

Nov-2025, Ver. 01.01



Thixotropic Cold-Applied Bitumen Emulsion Primer and Sealer

DESCRIPTION

CasTech Coat WB is a thixotropic bitumen emulsion designed for application as a primer and sealer coat. The coating is dark brown and dries to a black, flexible protective film. The finished film is tough and forms a barrier to water and vapour transmission.

TYPICAL USES

- General waterproofing, damp-proofing and protective coating for below-ground concrete against ground salts
- Protective coating for built-up roofing systems and other exposed surfaces
- Damp-proofing membrane or vapour seal

ADVANTAGES

Key advantages:

- Cold applied, easy to apply
- Quick drying
- Non-flammable
- Can be applied over damp surfaces
- Excellent adhesion to concrete, metal and wood

STANDARDS

CasTech Coat WB conforms to the requirements of ASTM D1227 Type III, Class 1.

TYPICAL PROPERTIES

Colour	Dark brown
Specific Gravity @ 25°C (ASTM D2939)	1.0 (± 0.02)
Solid Content (ASTM D2939)	32 (± 2)%
Firm Set @ 25°C	24 hours
Flash Point	Non-flammable
Service Temperature	5 – 75°C

All values are subject to 5 – 10% tolerance. Drying time depends on substrate, temperature, humidity and thickness.

SURFACE PREPARATION

Ensure the surface is sound and free from oil, grease and other foreign matter. Repair cracks, potholes and honeycombs with a suitable CasTech repair mortar.

PRIMING

A primer is always recommended before coating, as it seals porous substrates and promotes adhesion of further coats. Prepare the primer on site by diluting **CasTech Coat WB** with 10 – 15% water and apply by brush, roller or spray. Allow the primer to dry before further coats. If the primed surface is left for more than 24 hours after drying, clean off settled dust and re-prime.

COVERAGE

Depending on the dry film thickness required, apply **CasTech Coat WB** at 4 – 5 m²/L/coat.

CLEANING

Clean tools immediately after use in a strong soap solution and keep brushes soaking in this solution between applications. Hardened material needs physical scraping followed by treatment with white spirit.

PACKAGING

200 L drums, 20 L and 15 L pails.

STORAGE AND SHELF LIFE

Store in a covered area under normal warehouse conditions, away from direct sunlight and protected from extreme temperatures. Keep containers tightly closed. Shelf life is 12 months from the date of manufacture.

HEALTH AND SAFETY

Non-hazardous and non-flammable emulsion.

PPE: Always wear gloves, safety shoes and safety goggles while using and handling this product.

Precautions: Avoid contact with skin and eyes. In case of contact with eyes, wash with plenty of water and seek medical attention immediately.

Additional information: Refer to MSDS (available on request).

Product Data Sheet

CasTech Coat WB

Nov-2025, Ver. 01.01



TECHNICAL SUPPORT

CasTech provides on-site assistance and consulting services on

projects when requested. Technical data sheets on other CasTech products and guidance on their use are available on request.

CasTech MIDDLE EAST FZE

T6-04, Sharjah Airport Free Zone, Sharjah, UAE

P.O. Box: 121661 Tel.: +971-6-5489207

Fax: +971-6-5579879 Email: info@castechchem.com