

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 13032102ME001

SUPERSEDES: TECHNICAL DATA SHEET 180409SMEIE

DESCRIPTION

ALSAN® CAP-E is a three-component, high performance fluid epoxy resin designed for general heavy duty civil engineering applications and for encapsulating pile tops in the range from 25 to 50 mm. ALSAN CAP-E is manufactured from a combined blend of epoxy resins with select aggregates all delivering a durable flowable & homogeneous grout when mixed together. ALSAN® CAP-E is also used in void-filling applications in the construction industry. With exceptional resistance to aggressive chemicals such as acids, alkalis and sea water, ALSAN® CAP-E is an excellent choice for various civil engineering and industrial grouting applications.

STORAGE & HANDLING

Must be stored away from source of ignition. Wear necessary Personal Protective Equipment.

USER APPLICATION

ALSAN® CAP-E can be used in single ply or 2-ply, horizontally in substructure and superstructure applications. All the application guidelines are described in SOPREMA® Technical Manuals in force.

ADVANTAGES

- VOC Compliant
- High Mechanical Strength
- Waterproofing, Watertight, Low Permeability
- Compatible with SOPREMA's Thermofusible & Self-Adhering Membranes
- Corrosion & Chemicals Resistant
- Self-Leveling, Self-Compacting

SHELF LIFE

Material will have a 18 months shelf life if stored in a dry and properly ventilated area, sheltered from the elements or any harmful substances. Material shall be adequately protected from environmental impacts to the properties or the performance of the membrane.

HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.

COMPOSITION & PACKAGING

PROPERTY	ALSAN® CAP-E
Packaging	Pack of 3 components (Base, Hardener & Filler)
Yield	14 L

TECHNICAL PROPERTIES

PROPERTY	STANDARD	ALSAN® CAP-E
Compressive Strength (7days)	ASTM C579	> 87 N / mm ²
Flexural Strength 7 days	ASTM C580	38 N / mm ²
Tensile Strength 7 days	ASTM C307	16.1 N / mm ²
Mixed Density	ASTM C579	2.01 kg / L
Volatile Organic Content (VOC Content)	ASTM C579	145 g / L
Impact Resistance Joules	ASTM C580	> 20
Bond Strength	ASTM C307	Failure in Concrete

*Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
Data is represented by average values, unless noted otherwise.
All values are nominal.*

TESTING AND CERTIFICATIONS



SUSTAINABILITY AND ENVIRONMENT

