

SYNTIOX

COATING



Characteristic

SYNTIOX is a white, aluminium phosphate-based protective coating containing fine TiO_2 pigments, developed for high-performance protection of refractory linings in highly stressed areas of casting systems in aluminium foundries. It is specifically intended for use on linings of melting and holding furnaces, degassing boxes, and filtration units. It forms an effective barrier against chemical attack from molten metal and significantly facilitates subsequent surface cleaning.

Application instructions

- Stir thoroughly before use and maintain homogeneity throughout application.
- Apply undiluted or dilute with clean water if necessary.
- Suitable for application by brush or spray gun.
- Recommended application: 1 or 2 coats on clean and dry refractory surface.
- Can be applied to hot surface – the coating will not blister, crack, or spall.
- Fast drying with minimal production downtime.

Storage & shelf life

The minimum shelf life is 9 months from the date of manufacture. Protect from frost and direct sunlight. Keep containers tightly closed when not in use.

Packaging

- ✓ Supplied in PE buckets
- ✓ Alternative packaging options available upon request.

Advantages

- ✓ Easy application and fast drying
- ✓ Resistant to cracking and blistering