



ALKON® CHEM STIX PB 85

Aluminium Industry

PRODUCT DESCRIPTION

This product is the patch version of Caldeyrs' new phosphate bond 2-component castable for the aluminium industry, combining a state-of-the-art chemical bonding system with high phosphate content and bauxite aggregate with maximum 1mm grain size.

- Excellent resistance to aluminium corundum growth even if process temperature exceeds 1200°C
- Excellent non-sticking properties
- High thermal shock resistance
- Good mechanical resistance
- Good bond on existing lining
- No flash but still quick setting
- No dry-out constraints

TYPICAL USE & APPLICATION

ALKON® CHEM STIX PB 85 is dedicated for small hot-face repairs and can be applied in all areas, where there is aluminium contact but not only: melting/holding/shaft furnaces hearth or walls, burner block, ladle, etc.

For a typical annual overhaul, or furnace shutdown for cleaning purposes only, the amount of the repair can be below 1 ton and you can apply this product everywhere.

DELIVERED VALUE

Saving production time:

Quick setting, 48h dry-out if it is the only product used, or if together with ALKON CHEM PB 85. For low repair shutdown, metal to metal duration can be < 5 days

Saving money:

The product price, higher than standard patch products, is largely compensated by immediate savings in shorter team and equipment mobilization & less gas consumption during dry-out, as well as long-term savings in product lifetime in strongest conditions.

Making your life easier:

- This product is easier to install than competitors' chemically bonded patch solutions that have a longer installation time window.
- You can use this product in all areas, so no need to have several products in stock.
- This product shows high non wetting/sticking properties, that will make your dressing off & cleaning process much easier.