

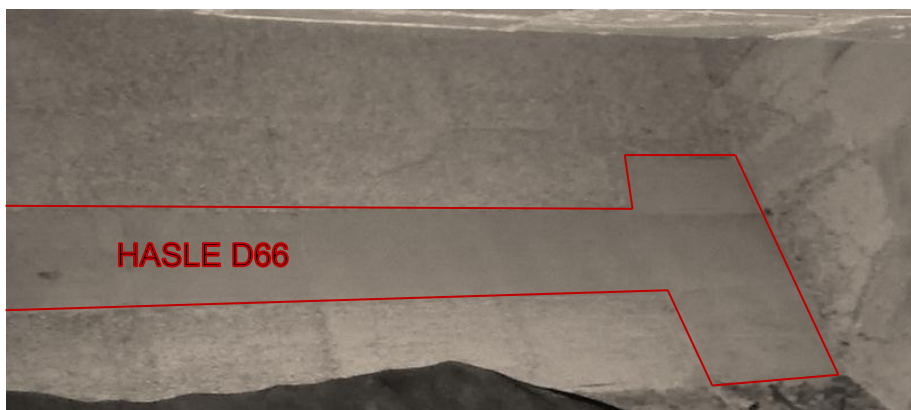
D66

HASLE D66 is a fine grained and strong low cement castable based on high quality calcined Bauxite. D66 exhibits an extraordinary abrasion resistance at all temperatures, including temperatures (300-600°C) far below the point of ceramic sintering of the castable. D66 needs vibration during installation, but thanks to its grain size distribution it is highly suitable for thinner linings and curvy sections.

Applications

At cement plants, HASLE D66 has been successfully used for decades in the tertiary air duct because of its outstanding resistance to high velocity abrasive clinker dust. D66 is also used for the damper, elbows and the ceiling of the grate cooler closest to the T.A. duct.

In wet and semi-wet kilns HASLE D66 performs well in the chain zone.



This picture shows the condition of D66 compared with a competitive LCC one year after installation in a cooler take-off-duct in a Polysius kiln with heavy abrasion.

The mineralogical nature of D66 makes it resistant to carbon monoxide (CO), sulfates and moderate levels of alkali vapors, and therefore highly suitable in CFB-boilers fired with various and in particular alternative fuels. Among other applications, D66 is used in tube walls and 'Kick out area' in CFB-boilers, where very high abrasion occurs due to sand and dust particles.

In Scandinavia, D66 is used as an efficient wear protection product in the steel industry and thanks to its refractory properties as a low-cement-castable, D66 has advantages to traditionally wear protection products in being resistant to many volatile matters and slags. D66 is valuable both as linings in tubes with difficult metallic slag and on floors where heavy wear occurs.

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