

DURA-CRETE®

ALUMINA BASED WEAR RESISTANT CONCRETE

DURA-CRETE® is a unique product providing exceptional wear resistance to tangential abrasion

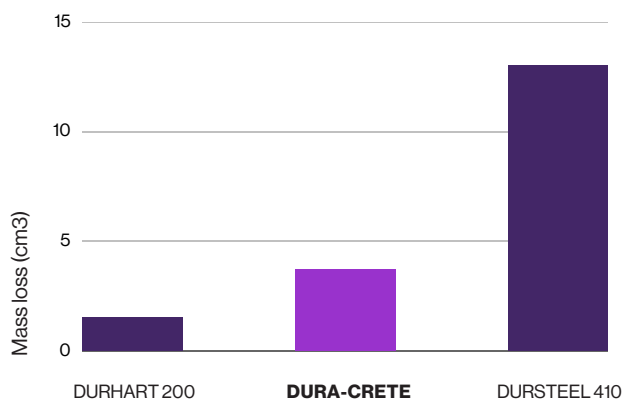
Specially designed for the most demanding industrial environments, it effectively protects surfaces against wear caused by friction and corrosion.

Easy to mould by troweling on metal mesh sheet or pouring into formwork.

For a gunnable version, please contact us.



ASTCM C704 - Abrasion test Mass loss



*Tests carried out by an approved laboratory

BENEFITS

- Superior performance compared to other type of concretes or wear resistant Steels
- High alumina concentration (Al_2O_3)
- High temperature resistance (up to 1'600°C)
- Easy to install

DURA-CRETE® is the technico-economic solution of choice for tangential wear on components such as separators, cyclones and hoppers.

	SiO_2	Al_2O_3	CaO	Fe_2O_3
Composition (% by mass after calcination)	9	84	1.1	1.2
Density (110°C)	2.7			
Compressive strength (N.mm-2)	110°C	70		
	1000°C	>150		
	1500°C	>150		
Permanent size change (%)	1000°C	-0.2		
	1500°C	-0.2		
Thermal conductivity (W.m-1.K-1)	1000°C	2.2		

