

Densit®

Product overview

- wear protection systems

The Densit® range of wear protection systems comprises:

- Densit® wear protection products.
- Densit® components.
- Densit® insulated wear protection.
- Auxiliary products.

Densit® wear protection products

All Densit® solutions offer unique properties in wear protection:

- High wear resistance.
- No vulnerable joints.
- Seamless graduation in lining thicknesses, including eccentric lining in pipes.
- Flexibility in installation for complex geometries.
- Fast and easy installation including overhead applications.

Densit® wear-resistant lining compounds can be applied by casting, trowelling or spraying. The 500 series provides wear protection for areas with low to moderate wear. The 2000 series is well suited for areas with moderate to severe wear. The rapid-setting compound is suitable for quick repairs. The HT compounds provide wear protection for process temperatures up to 1200°C (2190°F). The 3000 series for special needs.

Technical data

PROPERTIES	DENSIT® WEAR 500		DENSIT® WEAR 2000							DENSIT® WEAR 3000	
	Flex	Cast	Spray	Flex	Cast	FlexRapid	Flex HT	CastHT	Tix	Flex	Cast
Typical max. service temp. °C (°F)	400 (750)	400(750)	400 (750)	400(750)	400 (750)	400 (750)	1200 (2190)	1200 (2190)	400(750)	400 (750)	400 (750)
Minimum potlife hours	1.5	1.0	1.0	1.0	0.75	0.50	0.75	0.75	0.75	1.0	0.75
Maximum setting time hours	13	8	13	5	7	1.5	15	12	10	8	10
Compressive strength MPa	100	130	110	160	170	160	135	170	140	130	150
Abrasion resistance cm³/50 cm²	2.5-3.5	2.5-3.5	1.5-2.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0
Erosion resistance min/cm³	55	60	100	130	140	150	140	175	130	280	300
Remarks						Repair					

The technical data depend upon curing temperature. The figures given are typical for 28 days' curing at 20°C.

Merk: Densit® WearCast 3000 er utgått av porteføljen.

