

COMPARATIVE TABLE		ABRASION Removal of particles	IMPACT Cracks and breaks	CHEMICAL Deterioration of microstructure	HEAT °C Reduction of hardness	SLIDING Reduction of wear	
MILD Steel Hardness 100 Vickers (Comparative example)		1 time	Medium		180 °C		
PRODUCTS	 <b>Desliplast 68</b> ° High Molecular Density Polyethylene wear resistant sheets	3-4			70		DESLIPLAST
	 <b>Deslipol</b> ° Polyurethane wear resistant sheets	14-18			80		DESLIPOLO
	 <b>Alresist 323</b> ° Plates Cr Mn Mo	3-4			400		ALRESIST
	 <b>Alresist 402</b> ° Plates Cr Mn Mo	4-5			450		
	 <b>Alresist 512</b> ° Plates Ni Cr Mo	5-7			400		
	 <b>Deslinox 212</b> ° Plates 12-15% Chrome	2-4			500		DESLIINOX
	 <b>Deslinox 424</b> ° Plates 15% Chrome	4-7			500		
	 <b>Deslinox 550</b> ° BIMETALLIC stainless plate	20-25		Depending on the base material	550	Depending on the finish	DESLIINOX
	 <b>Deslinox 660</b> °	30-40		Depending on the base material	800	Depending on the finish	
	 <b>Altacrom 700</b> ° CHROME CARBIDE wear resistant hardfacing plates	25-30			500		ALTACROM
	 <b>Altacrom 800</b> ° COMPLEX CARBIDE wear resistant hardfacing plates	30-40			650		
	 <b>Altacrom 901</b> ° COMPLEX CARBIDE wear resistant hardfacing plates	40-50			750		
	 <b>Carbutung 1001</b> ° TUNGSTEN CARBIDE wear resistant hardfacing plates	80-100			600		CARBUTUNG
	 WEARING COMPOUND <b>Brikolast 903</b> ° <b>Brikolast 903-H</b> °	10-20			90 Brikolast-903 (Dry) 120 Brikolast-903 H (Dry)		BRIKOLAST
	 <b>Brikolast MC</b> ° CERAMIC Mortar	8-20			500 (Dry)		
	 <b>Basaltyc 720</b> ° CAST BASALT	30-35			400		BASALTYC ZIRTHERM
	 <b>Zirtherm 2002</b> ° ZIRCONIUM and SINTERED ALUMINA	50-70			THERMAL SHOCK Resistance 1400 (consult in each case)		BASALTYC ZIRTHERM
	 <b>Deslisint 1500</b> ° SINTERED ALUMINA wear resistant ceramic	80-100			1000		DESLIISINT
	 <b>Carbusil 2300</b> ° SILICON CARBIDE wear resistant ceramic	120-140			THERMAL SHOCK Resistance 1400 (consult in each case)		CARBUSIL
	 <b>Funresist 1450</b> ° TUNGSTEN CASTING	75-100			500		ZIRKOP FUNRESIST
 <b>Zirkop 1312</b> ° OXID ZIRCONIUM	70-90		Alto hasta 400 °C	THERMAL SHOCK Resistance 800 (consult in each case)		ZIRKOP FUNRESIST	
PIPELINES	 <b>Biresist 626</b> ° ALLOY STEEL wear resistant pipeline	5-8			200		BIREISIT Pipeline
	 <b>Basaltyc 720</b> ° CAST BASALT wear resistant pipeline	30-35			400 (consult in each case)		BASALTYC / ZIRTHERM Pipeline
	 <b>Zirtherm 2002</b> ° ZIRCONIUM and SINTERED ALUMINA wear resistant pipelines	50-70			THERMAL SHOCK Resistance 1400 (consult in each case)		BASALTYC / ZIRTHERM Pipeline
	 <b>Deslisint 1500</b> ° SINTERED ALUMINA wear resistant pipelines	80-100			1000 (consult in each case)		DESLIISINT Pipeline
	 <b>Funresist 650</b> ° NICKEL / CHROME casting	15-20			150		FLEXIBLE pipeline
	 <b>Deslisint 1500</b> ° SINTERED ALUMINA	80-100			150		