

soudokay

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CORED WIRES

Designed for Rebuilding and Hardfacing applications in **MINING & QUARRYING**

| Soudokay, within the Böhler Welding Group, is specialised in research, production and sales of flux cored wire for hardfacing and strip/flux products for strip cladding.

Please contact us for more information.

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| Soudokay can modify this document without any previous notice.
The list of products present in the Soudokay catalogue is not restrictive.

1 SELECTION OF MOST APPLIED PRODUCTS

The range of Soudokay products is much wider.
Complete catalogue is available on request: doc•FCAW•SMAW•S•03/08•EN
e-mail: soudokay@soudokay.be

We have the solution

	PRODUCT	WELDING PROCESS			HARDNESS	DESCRIPTION
		OA	GS	SA		
REBUILDING OR BUFFER LAYER	SK AP-O	X			200HB 45HRc*	I All purpose alloy, rebuilding and joining of carbon and 14% Manganese steels, buffer layer prior to deposit hard overlay. Railway rails and crossovers, mill shaft drive ends, gyratory crusher mantles, repointing of shovel teeth, buffer layer for inter-particles crushers...
	SK AP-S			X		
	SK 402-O	X			160HB 45HRc*	I Austenitic alloy type 18 Cr8Ni7Mn designed for joining dissimilar metals and for buffer layer deposits prior to hard surfacing...
	SK BU-O	X			285HB	I All purpose alloy, rebuilding of carbon steels, buffer layer prior to deposit hard overlay...
HIGH IMPACT AND LOW ABRASION	SK AP-O	X			200HB 450HB*	I All purpose alloy, rebuilding and joining of carbon and 14% Manganese steels, buffer layer prior to deposit hard overlay. Railway rails and crossovers, mill shaft drive ends, gyratory crusher mantles, repointing of shovel teeth, buffer layer for inter-particles crushers...
	SK AP-S			X		
	SK 402-O	X			160HB 45HRc*	I Austenitic alloy type 18 Cr8Ni7Mn designed for joining dissimilar metals and for buffer layer deposits prior to hard surfacing...
MEDIUM IMPACT AND MEDIUM ABRASION	SK 242-O/S	X		X	40HRc	I Rebuilding and hard surfacing alloy for carbon steel parts, subject to adhesive wear with impact...
	SK 252-O/S	X		X	44HRc	
	SK 350-O/S	X		X	360HB	
LOW IMPACT AND HIGH ABRASION	SK 256-O	X			63HRc	I High chromium carbide alloy designed to resist high stress grinding abrasion coupled with low impact. The deposits will readily show stress relief cracks...
	SK 162-O	X			62HRc	
	SK 866-O	X			60HRc	
	SK A43-O	X			63HRc	I Chromium-Niobium alloy designed to resist high stress grinding abrasion at service temperature not exceeding 450°C. The deposits will readily show stress relief cracks...
	SK A45-O	X			63HRc	I Chromium-Niobium-Molybdenum alloy with addition of Tungsten and Vanadium designed to resist high stress grinding abrasion with low impact and solid erosion at service temperatures up to 650°C. The deposits will readily show stress relief cracks...
HIGH IMPACT AND HIGH ABRASION	SK 258TiC-O	X			58HRc	I Martensitic Chromium-Titanium alloy designed to resist high stress abrasion with heavy impact. Deposits usually do not relief cracks...
	SK 258NbC-O	X			54HRc	I Martensitic Chromium-Niobium alloy designed to resist high stress abrasion with heavy impact. Deposits usually do not relief cracks...
	SK 258NbC-SA			X		
	SK 260NbC-O	X			60HRc	
	SK 260NbC-SA			X		

*After Work Hardening

The list of products is not a limiting list. Please do not hesitate to contact us for other available products.

2 SOME OF OUR APPLICATIONS



SK A43-O



SK 162-O



SK 242-O



SK 242-O



SK 866-O



SK 242-O



SK 866-O



SK AP-O



SK A43-O