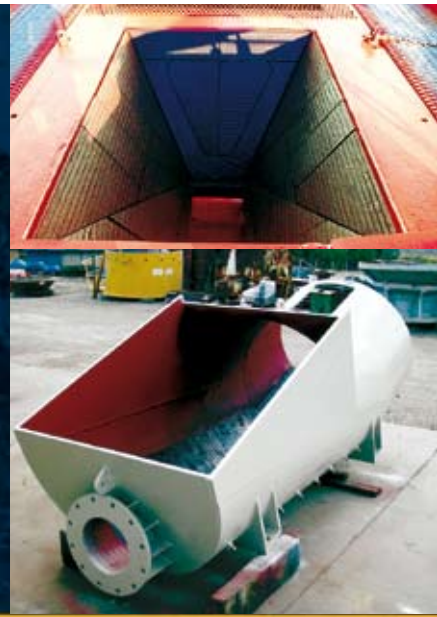


MC3 WEAR PLATE

CHROMIUM CARBIDE OVERLAY WEAR PLATE



Crushing & Mining Equipment



NOT ALL CLAD PLATES ARE THE SAME!

The refined microstructure within the MC3 wear plate overlay is based on a 'micro-carbide' system, which combines the improved wear resistance and impact resistance of the martensitic and chromium carbide deposits into the one plate.

CME is the Australian distributor of MC3 chromium carbide overlay wear plate and supplies wear plate to suit all applications. MC3 wear plate is bolted or welded into equipment high wear areas to enhance wear resistance.

CME can also custom fabricate MC3 wear plate to suit your requirements.

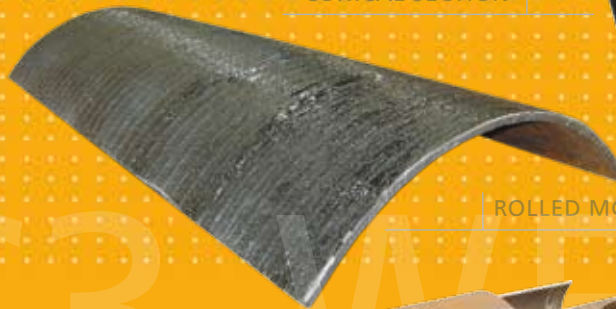


MC3 CLAD PLATES

STUDDED WEAR PLATE



CONICAL SECTION



ROLLED MC3 WEAR PLATE

MC3 CHUTE LINERS



GRADES

NAME	APPLICATION	MICROSTRUCTURE	GRADE
MC3 DO-ALL	ALL PURPOSE	AUSTENITIC CHROMIUM CARBIDES	2355
MC3 HI-TUFF	IMPACT RESISTANT	COMPLEX CHROMIUM CARBIDES	2455
MC3 BORITE	ABRASION RESISTANT	MARTENSITIC CHROMIUM CARBIDES	2560

MC3 TYPICAL PROPERTIES

Chemistry

4.0 to 4.5%	C
30 to 35%	Cr
1.0 to 2.5%	Mn
0.7 to 2.0%	Si

Microstructure

Refined austenitic chromium carbide alloy containing 20-30% hard 1600HV primary M_7C_3 carbides.

Hardness 620 to 700 HV50

Backing Plate

400 MPa minimum tensile strength structural steel

MC3 STANDARD OVERLAYS

MC3 DO-ALL OVERLAYS	MC3 WEIGHT PER M ²	MC3 STANDARD SHEET SIZE	TOTAL THICKNESS
6 ON 6	94	2800 x 2100mm	12
5 ON 8	102	2801 x 2100mm	13
6 ON 8	111	2802 x 2100mm	14
6 ON 10	126	2803 x 2100mm	16
9 ON 10	150	2804 x 2100mm	19
12 ON 10	174	2805 x 2100mm	22
17 ON 10	212	2806 x 2100mm	27
9 ON 12	167	2807 x 2100mm	21
12 ON 12	190	2808 x 2100mm	24
17 ON 12	228	2809 x 2100mm	29

OTHER THICKNESSES AVAILABLE ON REQUEST

MC3 HI-TUFF IMPACT CHUTE




DISCHARGE HOPPER FABRICATED WITH MC3 WEAR PLATE

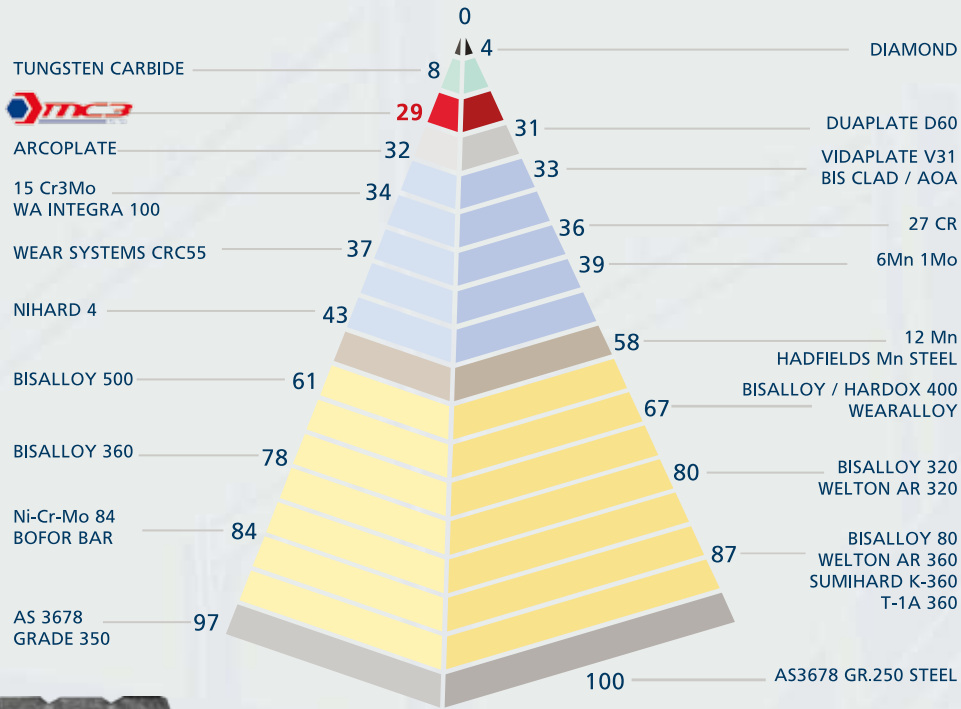


EXCAVATOR BUCKET LINED WITH MC3 WEAR PLATE

COMPATIBLE HARDFACING ELECTRODES

	AS/NZ 2576 CLASS	BOC	WIA	VAUTID	STOODY	WELDING ALLOYS
	2355	COBOLARC CR70	ABRASACORD 38	100	STOODY 100	HARDFACE HC-0

HIGH STRESS ABRASION RATING RELATIVE TO AS 3678 GRADE 250 STEEL



MC3 SLOWER WEAR RATES SAVE TIME AND MONEY

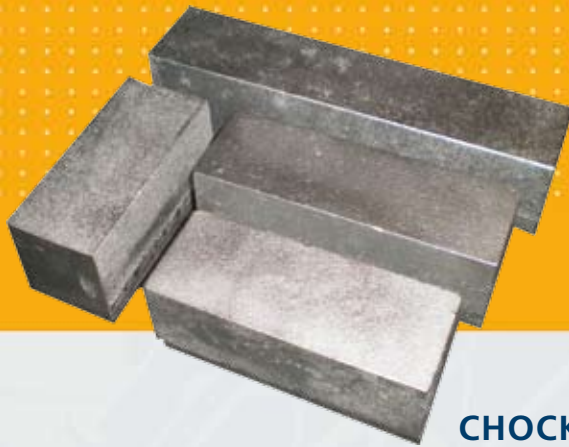


CHOCKY BARS

MICROLEDGING



WEAR BARS



WEAR BARS

DIMENSION (MM)	WEIGHT (KG)	WEAR / BACKING
115 x 50 x 50	2.2	40 on 10
150 x 50 x 50	2.9	40 on 10
150 x 75 x 50	3.4	40 on 10
200 x 25 x 25	1	15 on 10
230 x 50 x 50	4.5	38 on 12
432 x 50 x 50	8.5	40 on 10

OTHER SIZES AVAILABLE ON REQUEST

CHOCKY BARS

DIMENSION (MM)	WEIGHT (KG)	WEAR / BACKING
240 x 40 x 23	1.5	15 on 8
240 x 50 x 23	1.9	15 on 8
240 x 65 x 23	2.5	18 on 8

OTHER SIZES AVAILABLE ON REQUEST

WEAR BUTTONS

DIMENSION (MM)	WEIGHT (KG)	WEAR / BACKING
Dia 75 x 27	0.9	17 on 10
Dia 90 x 32	1.2	20 on 12

OTHER SIZES AVAILABLE ON REQUEST

WEAR BUTTONS



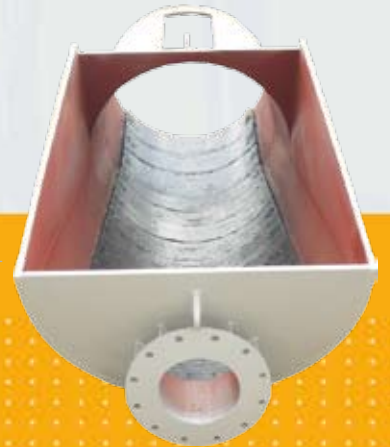
MC3 TYPICAL APPLICATIONS

- BIN LINERS (including surge, hopper and reject mill skirt liners)
- CHUTE AND HOPPER LINERS
- DEFLECTOR LINERS
- DOZER BLADES
- DUMP TRUCK TRAYS
- EARTHMOVING BUCKET LINERS
- FLOP GATE LINERS
- GYRATORY CRUSHER MAIN FRAME LINERS
- GYRATORY CRUSHER SHAFT PROTECTORS
- IMPACT PLATES
- JAW CRUSHER CHEEK PLATES
- PIPE WORK
- RECLAIMER STATIC WALL
- SCREEN PLATES
- SPOOLS
- TRAIN LOADING AND UNLOADING CHUTE LINERS
- TRANSFER CHUTES
- TROMMEL SCREENS
- TROUGH LINERS
- VIBRATORY FEEDER TRAY LINERS
- VIBRATORY SCREEN ECCENTRIC SHAFT PROTECTORS



CYCLONE FABRICATED WITH MC3

FEED CHUTE WITH MC3



FABRICATED PIPE



IRON ORE BIN



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