



CRAPAL OPTIMUM XCarb[®]

Recycled and renewably
produced



ArcelorMittal



Crapal[®] Optimum XCarb[®]

Recycled and renewably produced

10 tonnes of CO₂ saved per truck

What is XCarb[®] ?

XCarb[®] is the new brand name for ArcelorMittal's ongoing global programme of steelmaking innovation targeted at carbon-neutral steel by 2050. The initiatives that are part of XCarb[®] aim to reduce the carbon footprint of ArcelorMittal and of our customers. Our ambition is to position ArcelorMittal as the leading global steel company engaged in the most important challenge faced by the industry – that of producing all the steel the world needs in an environmentally sustainable way.

What is Crapal[®] Optimum XCarb[®] recycled and renewably produced?

Crapal[®]Optimum XCarb[®] has been made via the Electric Arc Furnace ('EAF') route -powered by renewable electricity - using scrap steel. Steel produced by ArcelorMittal Europe.

Crapal[®] Optimum XCarb[®] is audited and certified by an independent third party.

Product description

- ▶ Zinc/Aluminium/Magnesium coating
- ▶ Long lasting smooth surface
- ▶ High tensile strength and breaking load
- ▶ Reduced elongation
- ▶ More usable metres per coil for the same weight
- ▶ Eco-friendly product
- ▶ Important savings per hectare thanks to the reliable quality of the wire

Packaging

- ▶ Coils of 25 kg delivered in bundles of 500 kg
- ▶ Internal diameter of 600 mm

Specifications

▶ Comparison of Crapal[®]Optimum with -2 heavily galvanised wire:

Diameter (mm)		Number of ml per coil (approx.)		Resistance (N/m ²)		Breaking load (kg - approx.)		Elongation (%)	
Heavily Galv	Crapal Optimum [®] XCarb [®]	Heavily Galv	Crapal Optimum [®] XCarb [®]	Heavily Galv	Crapal Optimum [®] XCarb [®]	Heavily Galv	Crapal Optimum [®] XCarb [®]	Heavily Galv	Crapal Optimum [®] XCarb [®]
2.20	1.80 12*	830	1250	40/50	70/90	170	205	20	10
2.40	2.00 13*	700	1000	40/50	70/90	205	250	20	10
2.70	2.20 14*	550	830	40/50	70/90	255	305	20	10
3.00	2.50 15*	450	650	40/50	70/90	315	395	20	10
3.40	2.80 16*	355	515	40/50	70/90	410	495	20	10
3.90	3.15 17*	275	410	40/50	70/90	535	625	20	10



5 x longer than EN 10244-2 heavily galvanised life span.





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