Technical Data Sheet

Super Extra

EverZinc
The Global Zinc Expert

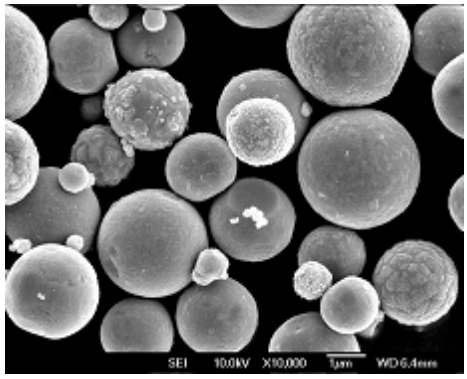
Everzinc has always been a pioneer in offering environmentally friendly products to its customers.

Super Extra is manufactured by zinc distillation. Everzinc has also improved its recycling technology to produce high purity zinc powders called Super Extra EP to conform with ASTM D 520 Type II. Super Extra is suitable for zinc primers (e.g. inorganic ethyl silicate and epoxy primers) applied in medium or thick coats (> 30 microns). Its particle size distribution as well as its dispersion, free flowing and anti settling properties combined with its good storage stability make the Super Extra a superior quality for the manufacturing of zinc primers applied in medium and thick layers. Super Extra can also be used in chemical applications, more particularly for the manufacturing of speciality zinc related chemicals.

Packaging (UN approved) : metal drums (50-100 kg) & pails - bulk bags. Not recommended to stack.

Storage: indoor in a dry ventilated location. To maximize the shelf life and maintain product integrity, do not open the container until the material is to be used.

Material Safety Data Sheet available on request.



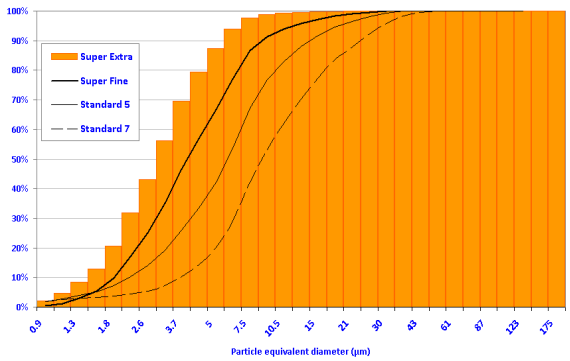
		Super Extra		Super Extra EP	
Elements	**Method**	**Specifications**	**Typical value**	**Specifications**	**Typical value***
Total zinc	Calculation	**≥ 98.5%**	99 %	**≥ 98.5%**	99 %
Metallic zinc	Gas evolution	**≥ 94.0 %**	95-96 %	**≥ 94.0 %**	95-96 %
Pb	AA (ISO3549)	**≤ 0.1%**	0.03 %	**≤ 0.01%**	0.007 %
Cd	AA (ISO3549)	**≤ 0.04 %**	0.01 %	**≤ 0.01%**	0.005 %
Fe	AA (ISO3549)	**≤ 0.005 %**	0.001 %	**≤ 0.005 %**	0.001 %
Others	AA (ISO3549)	**≤ 0.001%**	traces	**≤ 0.001%**	traces

			Specifications	Typical value*
Average particle size	Fisher sub sieve sizer	ASTM B330-07	**2.5 µ - 4.0 µ**	3.8 µ
Average particle size (x50)	Laser diffraction	-	**2.5 µ - 4.2 µ**	3.9 µ
Cut off diameter (x99)	Laser diffraction	-		15 µ
Sieve residue at 45 µm	Vacuum sieve	ISO 3549	**≤ 0.01%**	0.007 %

* The typical value is the statistical average value of the annual production

Oil absorption	Spatula rubout	ASTM D281	**Indicative values :**	6.5%
Bulk density	Scott volumeter	ASTM B329-06		2.5 g/cm³
Tamped density	Engelsmann	ISO R/787		3.9 g/cm³

Super Extra - Cumulative size distribution on log scale



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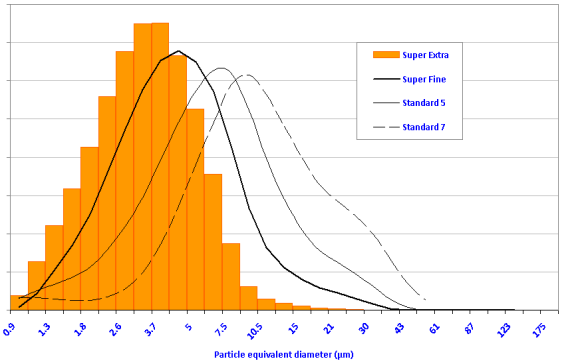

The information contained herein has been compiled to the best of Everzinc's knowledge, and is presented without any obligation.

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