



ISO standards - Literature LD3020, LD3027, LD3044, LD3045

SO8501-1:2007

Title: "Preparation of steel substrates before application of paints and

related products - Visual assessment of surface cleanliness - Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings "

Description: ISO 8501-1:2007 is a hardback A5-format book in four languages

(English, French, German and Swedish), which specifies a series of rust grades and preparation grades of steel surfaces. The various grades are

defined by written descriptions together with photographs that are representative examples within the

tolerance for each grade as described in words.

It is applicable to hot-rolled steel surfaces prepared for painting by methods such as blast-cleaning, hand and power tool cleaning and flame cleaning, although these methods rarely lead to comparable results. Essentially, these methods are intended for hot-rolled steel, but blast-cleaning methods, in particular, could also be used on cold-rolled steel of sufficient thickness to withstand any deformation caused by the impact of the abrasive or the effects of power tool cleaning.

This part of ISO 8501 is applicable also to steel substrates that show residues of firmly adhering paint and other foreign matter in addition to residual mill scale.

TQC art nr: LD3020

MISO8501-2:1998

Title: "Preparation of steel substrates before application of paints and related products - Visual

assessment of surface cleanliness - Part 2: Preparation of previously coated steel substrates

after localized removal of previous coatings."

Description: Specifies a series of preparation grades for steel surfaces after localized removal of previous paint

coatings. Contains photographs showing examples of preparation grades. The various preparation grades are defined by written descriptions. Applicable to surfaces prepared for painting by methods

such as blast-cleaning, hand- and power-tool cleaning, and machine abrading.

TQC art nr: LD3027



n surface p<mark>rofile oppervlakteprofiel Oberflä</mark>chenprofil oven temperature oventemperatuur Ofentemperatur viscosity viscositeit Viskosität colour kleur Farbe m eprüfung fineness of grind maalfijnheid Mahlfeinheit drying Time droogtijd Trockenzeit abrasion slijtvastheid Abriebfestigkeit inspection accessories inspectie to anz & 'Haze' corrosion corrosie Korrosion coating thickness gauges coatingdikte meters Schichtdicken messgeräte flash point vlampunt Flammpunkt density he testapparatuur Klimaprüfung appearance uiterlijk Erscheinungsbild inspection kits inspectie kits Inspektionskoffer elasticity & resistance deformation elastic

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Title:

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ISO 8501-3:2006

"Preparation of steel substrates before application of paints and related products - Visual

assessment of surface cleanliness - Part 3: Preparation grades of welds, edges and other areas

with surface imperfections "

Description: ISO 8501-3:2006 describes preparation grades of welds, cut edges and other areas, on steel surfaces

with imperfections. Such imperfections can become visible before and/or after an abrasive blast-

cleaning process.

The preparation grades given are to make steel surfaces with imperfections, including welded and

fabricated surfaces, suitable for the application of paints and related products.

TQC art nr: LD3044

> ISO 8501-4:2006

Title: "Preparation of steel substrates before application of paints and related products - Visual

assessment of surface cleanliness -- Part 4: Initial surface conditions, preparation grades and

flash rust grades in connection with high-pressure water jetting."

Description: ISO 8501-4:2006 is a hardback A5-format book in three languages (English, French and German)

> which specifies a series of preparation grades for steel surfaces after removal/partial removal of watersoluble contaminants, rust, previous paint coatings and foreign matter by high-pressure water jetting.

The various grades are defined by written descriptions together with photographs that are

representative examples within the tolerances for each grade as described in words. In addition, this

part of ISO 8501 specifies both initial surface conditions and after-cleaning flash rust grades, also

defined by written descriptions together with representative photographic examples.

TQC art nr: LD3045



n surface p<mark>rofile oppervlakteprofiel Oberflä</mark>chenprofil oven temperature oventemperatuur Ofentemperatur viscosity viscositeit Viskosität colour kleur Farbe m eprüfung fineness of grind maalfijnheid Mahlfeinheit drying Time droogtijd Trockenzeit abrasion slijtvastheid Abriebfestigkeit inspection accessories inspectie to anz & 'Haze' corrosion corrosie Korrosion coating thickness gauges coatingdikte meters Schichtdicken messgeräte flash point vlampunt Flammpunkt density he testapparatuur Klimaprüfung appearance uiterlijk Erscheinungsbild inspection kits inspectie kits Inspektionskoffer elasticity & resistance deformation elastic

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