TECHNICAL SHEET

# ASPEN Non-Standard Kerbing

ASPEN STAINLESS

ASPEN Stainless hardworking stainless steel products for hardwearing environments: British engineered and sealed with a lifetime guarantee.

## Product Description

The Non-Standard Kerbing is manufactured to the bespoke requirements of the customers' kerbing system or unique process and environment needs.

Suitable for use in hygienic environments.

## Technical Specification

- Available in grade 304 stainless steel (British Standard 304S31, Euronorm 1.4301)
- Available in grade 316 stainless steel (British Standard 316S31, Euronorm 1.4401)

## ASPEN Kerbing System

### Key Benefits

This service complements our standard range of products and provides bespoke solutions to difficult problems. We pride ourselves on solving 99% of our clients' individual needs.

### Maintenance

Stainless steel equipment should be occasionally thoroughly checked for retained deposits and concentrated fluid build up that causes corrosion.

### Cleaning

Many factors affect the choice of cleaning method and frequency of its application. Suitable methods for stainless steel are: water and steam; mechanical scrubbing; scouring powder and detergents; alkaline solutions; organic solvents; and nitric acid cleaning.

## ASPEN Kerbing Installation

Canal Engineering offer supply only or full installation, with fully welded and polished joints, and commissioning. Canal Engineering also offer on-going annual inspection and maintenance contracts.

*For advice regarding the most suitable ASPEN Stainless for you please contact our specialist engineers today to discuss your requirements; 0115 986 6321; aspen@canalengineering.co.uk*

### ASPEN | By Canal Engineering Limited

ASPEN Stainless is a division of Canal Engineering Limited. Canal Engineering is based in Nottingham and specialise in the design, fabrication, manufacture and installation of metalwork engineering projects.

Visit www.canalengineering.co.uk

**ASPEN** | By Canal Engineering Limited
aspen@canalengineering.co.uk | **www.aspen.eu.com**

# ASPEN Stainless Steel Resistance Chart

ASPEN STAINLESS

**KEY**

- RECOMMENDED
- SUITABLE HOWEVER CONTACT US FOR ADVICE
- NOT RECOMMENDED

| REAGENT SUBSTRATE | S/S GRADE | |
|---|---|---|
| | 304 | 316 |
| ACETIC ACID | | |
| ACETONE | | |
| ALCOHOL | | |
| ALUMINIUM CHLORIDE | | |
| ALUMINIUM SULPHATE | | |
| AMMONIA GAS (DRY) | | |
| AMMONIUM CHLORIDE | | |
| AMMONIUM HYDROXIDE | | |
| AMMONIUM NITRATE | | |
| AMMONIUM PHOSPHATE | | |
| AMMONIUM SULPHATE | | |
| AMMONIUM SULPHIDE | | |
| AMYL CHLORIDE | | |
| ANILINE | | |
| BARIUM CHLORIDE | | |
| BARIUM SULPHATE | | |
| BEER | | |
| BEET SUGAR LIQUORS | | |
| BENZENE | | |
| BENZOIC ACID | | |
| BORIC ACID | | |
| BROMIC ACID | | |
| BROMINE WATER | | |
| BUTANE | | |
| CALCIUM CARBONATE | | |
| CALCIUM CHLORIDE | | |
| CALCIUM HYDROXIDE | | |
| CALCIUM HYPOCLORITE | | |
| CALCIUM SULPHATE | | |
| CARBON BISULPHIDE | | |
| CARBON TETRACHLORIDE | | |
| CAUSTIC POTASH | | |
| CAUSTIC SODA | | |
| CHLORIDE (DRY) | | |
| CHLORIDE (WET) | | |
| CHLORAOCETIC ACID | | |
| CHLOROBENZENE | | |
| CHLOROFORM | | |
| CHROME ACID 50% | | |
| CHROME ACID 10% | | |

| REAGENT SUBSTRATE | S/S GRADE | |
|---|---|---|
| | 304 | 316 |
| CITRIC ACID | | |
| CITRIC ACID CAN BE USED IN A SIMILAR WAY TO NITRIC ACID FOR PASSIVATION AND CLEANING OF STAINLESS STEEL. | | |
| COPPER CHLORIDE | | |
| COPPER CYANIDE | | |
| COPPER NITRATE | | |
| COPPER SULPHATE | | |
| DISTILLED WATER | | |
| ETHYL ACETATE | | |
| ETHYLENE CHLORIDE | | |
| ETHYLENE GLYCOL | | |
| FATTY ACIDS | | |
| FERRIC SULPHATE | | |
| FLUORENE GAS | | |
| FORMALDEHYDE | | |
| FORMIC ACID | | |
| FRUIT JUICES AND PULP | | |
| GASOLINE | | |
| GLYCERINE | | |
| HYDROBOMIC ACID 20% | | |
| HYDROCHLORIC ACID 40% | | |
| HYDROCYANIC ACID | | |
| HYDROGEN PEROXIDE | | |
| IODINE | | |
| KEROSENE | | |
| LACTIC ACID | | |
| LINSEED OIL | | |
| MAGNESIUM CHLORIDE | | |
| MAGNESIUM SULPHATE | | |
| MALEIC ACID | | |
| METHYL CHLORIDE | | |
| MILK | | |
| MURIATIC ACID | | |
| NICKEL CHLORIDE | | |
| NICKEL SULPHATE | | |
| OIL AND FATS | | |
| OLEIC ACID | | |
| OXALIC ACID | | |
| PERCHLORIC ACID | | |
| PETROLEUM OILS | | |
| PHENOL 5% | | |
| PHOSPHORUS TRICHLORIDE | | |

| REAGENT SUBSTRATE | S/S GRADE | |
|---|---|---|
| | 304 | 316 |
| PHOTOGRAPHIC SOLUTIONS | | |
| PITRIC ACID | | |
| POTASSIUM CARBONATE | | |
| POTASSIUM CHLORIDE | | |
| POTASSIUM CYANIDE | | |
| POTASSIUM DICHROMATE | | |
| POTASSIUM HYDROXIDE | | |
| POTASSIUM PERMAGANATE | | |
| POTASSIUM SULPHATE | | |
| SEA WATER | | |
| SEWERAGE | | |
| SILVER NITRATE | | |
| SILVER SULPHATE | | |
| SODIUM BICARBONATE | | |
| SODIUM BISULPHITE | | |
| SODIUM CARBONATE | | |
| SODIUM HYDROXIDE | | |
| SODIUM HYPOCHLORITE | | |
| SODIUM SULPHATE | | |
| SODIUM SULPHIDE | | |
| SODIUM SULPHITE | | |
| SODIUM THIOSULPHATE | | |
| STANNOUS CHLORIDE | | |
| STEARIC ACID | | |
| SULPHUROUS ACID | | |
| SULPHUR | | |
| SULPHUR DIOXIDE (DRY/WET) | | |
| SULPHURIC ACID | | |
| TANNIC ACID | | |
| TANNING LIIQUORS | | |
| TRICHLOROETHELYNE | | |
| TURPENTINE | | |
| UREA | | |
| URINE | | |
| VINEGAR | | |
| WATER (FRESH/MINE/SALT) | | |
| WHISKY | | |
| WINES | | |
| ZINC CHLORIDE | | |
| ZINC SULPHATE | | |

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