

## KJL.4444

## BINDER 2K SUPER FINISH

### Description

2K high adhesion acrylic semi-gloss enamel with acrylic resins and Teflon special additives. Suitable for direct coating of chassis and all the surfaces where high adhesion, protection and superficial scratch and oil resistance are needed. Direct application on steel, hot galvanised sheets, aluminium and hard plastics. Not suitable for cold galvanizing. EU Directive 2004/42/CE compliant.

Recommended for truck-chassis, cement mixers, bridges, metal structures and specific ship sections coating. No adherence primer or other protections are needed. This product has passed the salt fog spray test (resistance of more than 500 hours) and the QUV.

It is strongly recommended to test the adhesion of the product and to mix it well before use.

### Features

#### Specific Weight Kg/Lt

1,1/1,2

#### VOC (g/Lt) product ready to use Dir. 2004/42/CE

IIB(i)(840)460

#### Gloss

50-60

#### % by weight: Pigment/Binder

20/80

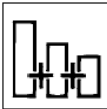
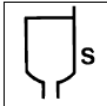
#### Pot-Life 20°C

45-60min

#### Color

#### Application

Spray








| Mixing Ratio   | 10-20°                | 20-30°   | 30 - 35 °C | By Vol.  | By Weight |    |
|--|-----------------------|----------|------------|----------|-----------|----|
|  | Product               | KJL.4444 | KJL.4444   | KJL.4444 | 100       |    |
|  | Hardener              | FK9.7777 | FK9.6666   | FK9.6663 | 4+1       | 20 |
|  |                       | FK9.5555 | FK9.5554   | FK9.5553 | 5+1       | 15 |
| Thinner  | RDL.F888              | RDL.S777 | RDL.L666   | 0,4-0,6  | 15-20     |    |
|  | Viscosity (sF 4 20°C) |          |            | 20-22    | 20-22     |    |

### SUBSTRATE PREPARATION:

Naked sheet must be sanded with abrasive paper P220, galvanised sheet with red Scotch-brite. For the aluminium, it depends on its hardness, the soft one with red Scotch-brite, the hard one with P240. In case of application over new sheets with cataphoresis, use grey Scotch-Brite, for fiberglass use P320. Clean the support with RDL.A111 degreaser to eliminate all traces of greases, oil, silicones, fingerprints, stickers glue, detaching for fiberglass and sanding dust, before and after sanding. For plastic sections use the H2S.0003 water degreaser. Over naked metal use FK8.0053 thinner to clean the surface.

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|  |   |  |  |  |
|--|---|---|---|---|
|  |   | Conventional  |   |   |
|  |   | Gravity Feed  | Suction Feed Spray  | HVLP  |
|    | Nozzle (mm)                                     | 1,6-1,8   | 1,6-1,8   | 1,6-1,8   |
|  | Pression (bar)                                  | 2,5   | 3   | 2   |
|  | N. of Passes                                    | 1+1   | 1+1   | 1+1   |
|    | Flash off (min) at 20°C                         | 5-10  | 5-10  | 5-10  |
|  | Dust off (min) at 20°C                          | 10-15   | 10-15   | 10-15   |
|    | Drying Time at 20°C (h)                         | 18-24   | 18-24   | 18-24   |
|  | Drying Time at 60°C (h)                         | 30 min  | 30 min  | 30 min  |
|  | Drying Short IR (min x cm)                      |   |   |   |
| $\mu\text{m}$  | Dry microns per pass                            | 35-40   | 35-40   | 35-40   |
|  | Dry microns (min/max)                           | 60-80   | 60-80   |   |
|  | Theoretical Yield m <sup>2</sup> /l X Thickness | 8-9 X 80 $\mu\text{m}$  | 8-9 X 80 $\mu\text{m}$  | 8-9 X 80 $\mu\text{m}$  |



**STORAGE**  
Store in a cool and dry place, away from heat



**HEALT AND SAFETY REGULATIONS**  
Professional use only. Refer to the related safety data sheet.

All the data, news and suggestions here listed are to be considered accurate according to the results of our experiences; however, we are not responsible for the obtained results, since the condition of use can not be under our control. To obtain the best final result we recommend to use IVAT products only for complete coatings cycles. On promiscuous cycles, with articles of other manufacturers, IVAT is not liable for any defects and/or anomalies.