

# Fireshield® 920KS

Interior and Exterior 2-pack Epoxy Intumescent Coating 30 - 120 minutes FRR.

Fireshield® offers full 920KS systems including primer, intumescent and top coat, 920KS can also be applied direct to a blasted steel surface for interior >C3 zones. Additionally the following topcoats and primers are approved for use with Fireshield® 920KS from other manufacturers. These coatings have been tested by Fireshield® for the corrosivity zones listed below. Ensure you select the correct primer for interior or exterior use and consult the primer PDS for application and substrate requirements.

## INTERIOR STEEL

### Approved Primers

Manufacturer	Product	PDS	Description	*DFT Range	ISO Corrosivity Zone
Fireshield®	Hensogrund 2K-EP	TD-FSHG2K-EP	Two-pack epoxy resin primer	43-241.5 µm DFT	> C5 interior
Fireshield®	Hensogrund 2K	TD-FSHG2K-01	Galvanised steel primer	37.5-160 µm DFT	> C5 interior
Dulux	Zincanode 402	PC-122	Two pack zinc rich epoxy primer	80-120 µm DFT	> C4 interior
Dulux	Durepon FRX ZP	PC-204	Two pack epoxy zinc phosphate	80-100 µm DFT	> C3 interior.
International	Intergard 251	REF:2113	Two pack epoxy primer	90-110 µm DFT	> C4 interior
Carboline	Carbozinc 859 EZ2	Q8707	Two-pack zinc-rich epoxy primer	80-100 µm DFT	> C2 interior
Carboline	Carbogard 635	1020	Epoxy phenalkamine primer	100-125 µm DFT	> C4 interior

### Approved Top Coats

Manufacturer	Product	PDS	Description	*DFT Range	ISO Corrosivity Zone
Fireshield®	Hensotop 2K-PU	TD-FSHT2K-PU	Two-pack polyester top coat	80 -135µm DFT	> C5 interior
Dulux	Dulux Luxathane HPX	PC-122	Two pack acrylic polyurethane	80-140 µm DFT	> C5 interior

## EXTERIOR STEEL

### Approved Primers

Manufacturer	Product	PDS	Description	*DFT Range	ISO Corrosivity Zone
Fireshield®	Hensogrund 2K-EP	TD-FSHG2K-EP	Two-pack epoxy resin primer	43-241.5 µm DFT	> C5-H exterior.
Fireshield®	Hensogrund 2K	TD-FSHG2K-01	Galvanised steel primer	37.5-160 µm DFT	> C5-H exterior.
Dulux	Zincanode 402	PC-122	Two pack zinc rich epoxy primer	80-120 µm DFT	> C5-H exterior.
Dulux	Durepon FRX ZP	PC-201	Two pack epoxy zinc phosphate	80-150 µm DFT	> C5-H exterior.
International	Intergard 251	Ref:2113	Two pack epoxy primer Z-1677	90-110 µm DFT	> C4 exterior.
Carboline	Carbogard 635	1020	Epoxy phenalkamine primer	100-125 µm DFT	> C4 exterior.

### Approved Top Coats

Manufacturer	Product	PDS	Description	*DFT Range	ISO Corrosivity Zone
Fireshield®	Hensotop 2K-PU	TD-FSHT2K-PU	Two-pack polyester top coat	80 -135µm DFT	> C5-H exterior
Dulux	Luxathane HPX / SPX	PC-122 / PC-	Two pack acrylic polyurethane	80-200 µm DFT	> C5-H exterior

### Galvanised Steel Approved Primers

Manufacturer	Product	PDS	Description	*DFT Range	ISO Corosivty Zone
Fireshield®	Hensogrund 2K	TD-FSHG2K-01	Galvanised steel primer	37.5-160 µm DFT	> C5-H exterior / interior

Note that for interior use, non-tested generic 2-pack epoxy and single component epoxy polyester primers have generic ETA 21/0475 approval, contact Fireshield® for more details. \*DFT = Dry film thickness.