

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	*See TDS	> C4 interior
Dulux	Durepon FRX ZP	PC-204	Two pack epoxy zinc phosphate	*See TDS	> C3 interior.
International	Intergard 251	REF:2113	Two pack epoxy primer	*See TDS	> C4 interior
Carboline	Carbozinc 859 EZ2	Q8707	Two-pack zinc-rich epoxy primer	*See TDS	> C2 interior
Carboline	Carbogard 635	1020	Epoxy phenalkamine primer	*See TDS	> 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	75 -135µm DFT	> C5 interior
Dulux	Dulux Luxathane HPX	PC-122	Two pack acrylic polyurethane	*See TDS	> 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	*See TDS	> C5-H exterior.
Dulux	Durepon FRX ZP	PC-201	Two pack epoxy zinc phosphate	*See TDS	> C5-H exterior.
International	Intergard 251	Ref:2113	Two pack epoxy primer Z-1677	*See TDS	> C4 exterior.
Carboline	Carbogard 635	1020	Epoxy phenalkamine primer	*See TDS	> 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	*See TDS	> 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. *See TDS = Consult manufacturers TDS for dry film thickness ranges if they are not included in the specification document, or consult AS NZS 2312.1:2014 for minimum requirements.