

# Fireshield® 920KS

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

The following list of topcoats and primers are approved for use with Fireshield® 920KS. These coatings have been tested by Fireshield® for the corrosivity zones listed below. Ensure you select the correct primer for **interior** or **exterior** use. The primer / primer systems tested are only suitable for use on steel surfaces prepared by abrasive blasting to Sa 2½ in accordance to ISO 8501-1:2007

## INTERIOR ZONES

Primer				
Product	PDS Reference	Description	*DFT Range	Corosivty Zone
Fireshield Hensogrund 2K-EP**	TD-FSHG2K-EP	Two-pack epoxy resin primer	43-241.5 µm DFT	C1 to C5 interior
Fireshield Hensogrund 2K**	TD-FSHG2K-01	Galvanised steel primer	37.5-160 µm DFT	C1 to C5 interior
Dulux Zincanode 402	PC-122	Two pack zinc rich epoxy primer Z-1676	80-120 µm DFT	C1 to C4 interior
Dulux Durepon FRX ZP	PC-204	Two pack epoxy zinc phosphate Z-1691	80-100 µm DFT	C1 to C3 interior.
International Intergard 251	Ref:2113	Two pack epoxy primer Z-1658	90-110 µm DFT	C1 to C4 interior.
Carboline Carbozinc 859 EZ2	Q8707	Two-pack zinc-rich epoxy primer Z-1675	80-100 µm DFT	C1 to C2 interior.
Carboline Carbogard 635	1020	Epoxy phenalkamine primer Z-1657	100-125 µm DFT	C1 to C4 interior.
Top Coat				
Product	PDS Reference	Description	*DFT Range	Corosivty Zone
Fireshield Hensotop 2K-PU**	TD-FSHT2K-PU	Two-pack polyester top coat	80 -135µm DFT	C1 to C5 interior
Fireshield Hensotop SB*	TD-FSHTSB	Single pack top coat	90-135 µm DFT	C1 to C2 interior
Dulux Luxathane HPX / SPX	PC-122 / PC-404	Two pack acrylic polyurethane Z-1689	80-140 µm DFT	C1 to C3 interior

- Installations in interior ISO corrosivity zones C4 and C5 require a protective top coat, contact Fireshield for the full system specification.
- Note that for interior use, non-tested generic 2-pack epoxy and single component epoxy polyester primers have generic ETA 21/0475 approval,

## EXTERIOR ZONES

Primer				
Product	PDS Reference	Description	*DFT Range	Corosivty Zone
Fireshield Hensogrund 2K-EP**	TD-FSHG2K-EP	Two-pack epoxy resin primer	43-241.5 µm DFT	C2 to C5 exterior
Fireshield Hensogrund 2K**	TD-FSHG2K-01	Galvanised steel primer	37.5-160 µm DFT	C2 to C5 exterior
Dulux Zincanode 402	PC-122	Two pack zinc rich epoxy primer Z-1676	80-120 µm DFT	C2 to C4 exterior
Dulux Durepon FRX ZP	PC-201	Two pack epoxy zinc phosphate Z-1692	80-100 µm DFT	C1 to C5 exterior.
International Intergard 251	Ref:2113	Two pack epoxy primer Z-1677	90-110 µm DFT	C2 to C4 exterior.
Carboline Carbogard 635	1020	Epoxy phenalkamine primer Z-1678	100-120 µm DFT	C2 to C4 exterior.
Top Coat				
Product	PDS Reference	Description	*DFT Range	Corosivity Zone
Fireshield Hensotop 2K-PU**	TD-FSHT2K-PU	Two-pack polyester top coat	80 -135µm DFT	C2 to C5 exterior

- **Fireshield Hensotop 2K-PU top coat must be used in all exterior zone installations with the primers listed above.**
- Please note that non tested generic 2-pack epoxy and single component epoxy polyester primers cannot be used in exterior installations.

\*DFT = Dry film thickness, \*\*Fireshield products that form part of the full Fireshield fire rated system