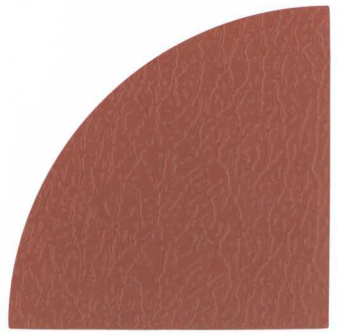
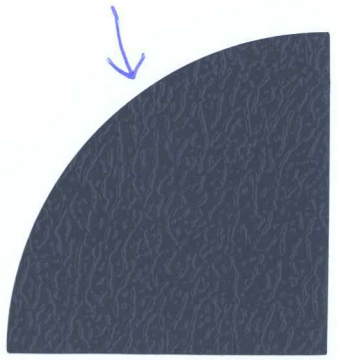
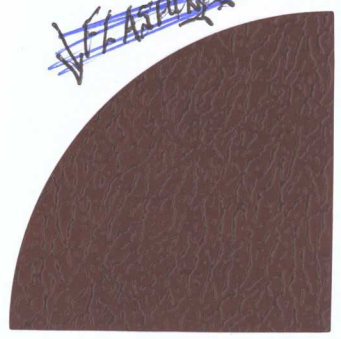
Crescendo Collection



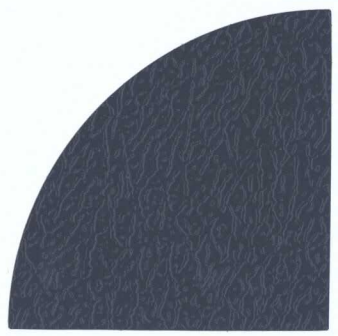
Russet Red
BS 04D44
RAL 3013



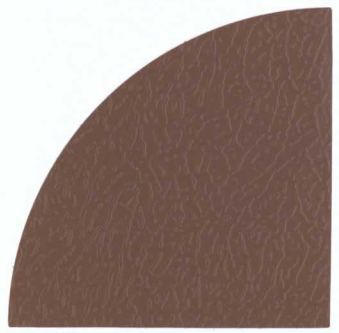
Azure Blue
BS 18C39
RAL 220 30 25



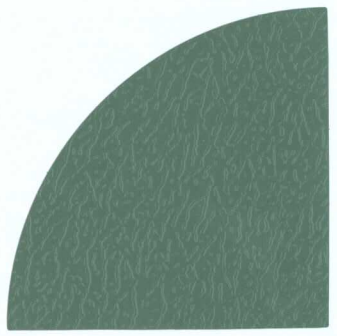
Shiraz
RAL 3004



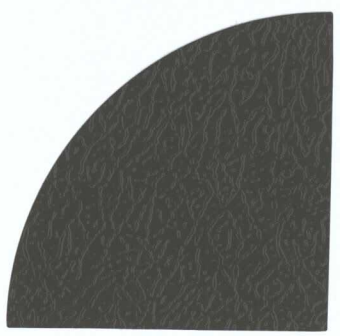
Sapphire Blue
RAL 5003



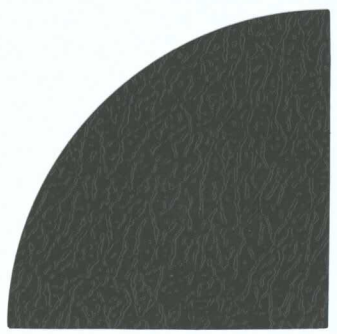
Copper Beech
BS 04C39
RAL 040 40 40



Jade
BS 14C37

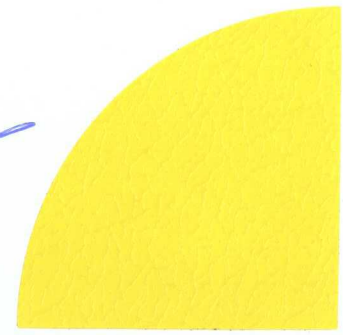


Van Dyke Brown
BS 08B29
RAL 8014

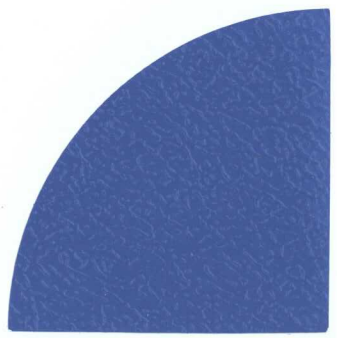


Juniper Green
BS 12B29
RAL 160 20 10

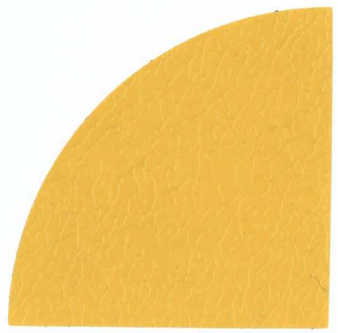
Vivace Collection



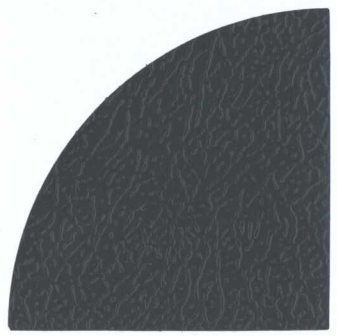
Sunflower Yellow
BS 10E55



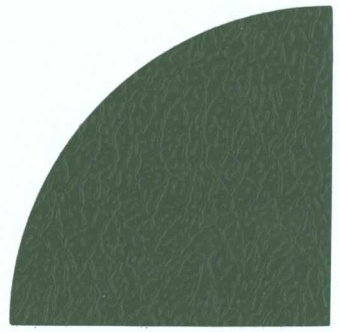
Cornflower Blue
BS 18E53



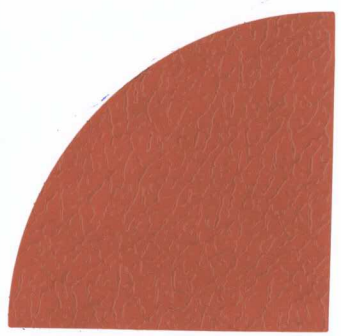
Saffron Yellow
BS 08E53



Slate Blue
BS 18B29



Leaf Green
RAL 6002



Flame Red
BS 04E53

The colour samples are only representative of the Kingspan XL Forté™ colours.

British Standard (BS) or RAL reference numbers represent the nearest colours and are not exact matches to Kingspan XL Forté™.

Please ensure that you request a swatch sample from the Kingspan Marketing Department to view accurate colour and texture prior to specification.



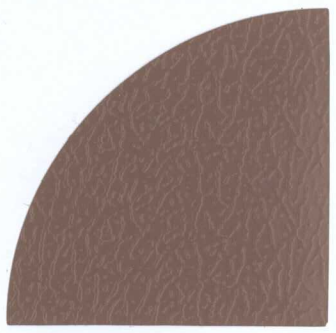
Pastel Blue
RAL 240 80 10



Denim
RAL 5014



Deep Blue
RAL 260 40 20



Autumn
RAL 040 50 20

For further details visit:
www.kingspanpanels.com/XLForte or call **+44 (0) 1352 717251**

Kingspan

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Kingspan XL Forté™ visit:
www.kingspanpanels.com/XLForte
or call
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+44 (0) 1352 717251
Ireland
+353 (0) 42 9698 540

Kingspan

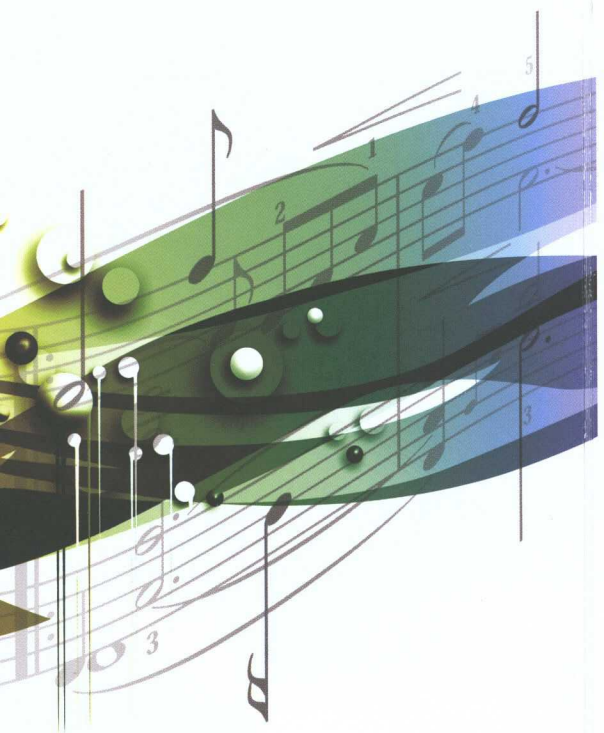
Care has been taken to ensure that the contents of this publication are accurate, but Kingspan Limited and its subsidiary companies do not accept responsibility for errors or for information that is found to be misleading. Suggestions for, or description of, the end use or application of products or methods of working are for information only and Kingspan Limited and its subsidiaries accept no liability in respect thereof.

trong and
ourful coating
tem

pan XL Forté™

xt generation in organic
ated steels designed for roof
all cladding applications in
ost demanding environments.

- *nteed up to 30 years*
- *c*
- *r UV resistance*
- *rrosion resistance*
- *xible and easy to process*
- *abrasion and scratch resistant*
- *icron thick coating*



Symphony Collection

White
BS 00E55
RAL 9003

Cream
BS 10C31
RAL 1015

Willow Green
BS 12B17
RAL 100 80 20

Khaki Green
BS 12B21
RAL 100 60 20

Powder Blue
RAL 210 80 10

Pastel Blue
RAL 240 80 10

Grey White
RAL 9002

Goosewing Grey
BS 10A05
RAL 080 70 05

Mushroom
BS 10B19
RAL 080 70 10

Camouflage
RAL 110 50 10

Wedgewood Blue
BS 18C37
RAL 220 50 15

Denim
RAL 5014

Gull Grey
BS 18B17
RAL 240 80 05

Anthracite
RAL 7016

Cinnamon
BS 08C35
RAL 080 70 30

Olive Green
BS 12B27
RAL 100 30 20

Midnight
RAL 5008

Deep Blue
RAL 260 40 20

Merlin Grey
BS 18B25
RAL 180 40 05

Black
BS 00E53
RAL 9005

Quartz Grey
BS 10B23
RAL 080 50 20

Bottle Green
RAL 6007

Autumn
RAL 040 50 20

Cres

Russet Red
BS 04D44
RAL 3013

Shiraz
RAL 300

Copper Bee
BS 04C39
RAL 040 40 40

Van Dyke B
BS 08B29
RAL 8014

For furth
www.

Kingspan Total Coating Guarantee

Many manufacturers guarantee their products for specific areas of performance, however, few can offer the comprehensive and broad coverage that is available with the Kingspan Total Coating Guarantee.

Benefits of the Kingspan Total Coating Guarantee:

- Guarantees zero maintenance for up to 30 years
- Offers cut edge protection for full life of the guarantee
- Simple fuss free guarantee administration service means no lengthy questionnaires to complete
- Guarantee is available directly to the property owner and can be transferred
- Applicable to all Kingspan insulated panels and ancillaries down to a minimum roof pitch of 1.5°
- No restrictions applied to the area of surface affected
- Not orientation dependent
- No notice requirement for end of guarantee period

The Kingspan Total Coating Guarantee is your assurance that the coating will not deteriorate in performance.

The Kingspan Total Panel Guarantee is also available which covers the panel and the coating. For further information please contact Kingspan on 01352 716100.

Performance Guarantee Periods

	Inland Roof	Inland Wall	Coastal Roof	Coastal Wall
Symphony	30 Years	30 Years	25 Years	25 Years
Crescendo	20 Years	25 Years	15 Years	20 Years
Vivace	20 Years	25 Years	15 Years	20 Years

Geographical Scope



Zone 1 is covered by the Kingspan Total Coatings Guarantee. For more information on guarantee periods for **Zone 2** please contact Kingspan **enviro***care*® Technical Services

Sustainability Guaranteed

Sustainability is viewed by Kingspan as one of its core responsibilities. As part of its sustainability objectives, Kingspan is committed to considering sustainability during the design and manufacture, use, and disposal of Kingspan products.

Manufacture

Kingspan XL Forté™ is manufactured with steel, which is durable and recyclable. The organic coating contains no heavy metals and is phthalate-free.

During use

Kingspan XL Forté™ is guaranteed for up to 30 years and is maintenance free for the duration of the guarantee. It does not pose any health or contamination risk to the user or the environment.



End of Life

The product is fully recyclable at the end of its useful life.

Kingspan ECO*safe* Insulated Panels

Kingspan's **ECO***safe* insulated panels use an environmentally sustainable **FIRE***safe* PIR insulation core and specific panels deliver an 'A+' rating according to the Green Guide to Specification. They contain no CFC's or HCFC's, have a low Global Warming Potential (GWP) and have a commercial value for disposal at end of life subject to transport costs.

End of life

Re-use is always the preferred option for all Kingspan **ECO***safe* panels, but if that is not possible these panels are suitable for processing through a conventional shredder plant once they have reached the end of their useful life.

The cost of processing panels through shredder plants is approximately cost neutral with the transport costs from the site being covered by the scrap value of steel.

ECO*safe* FIRE*safe* FIBRE*free*

FM APPROVED

LPCB Approved to LPS 1151 Certificate No's. 186a & 260a Approved to LPS 1208 Certificate No. 186b

Full Support

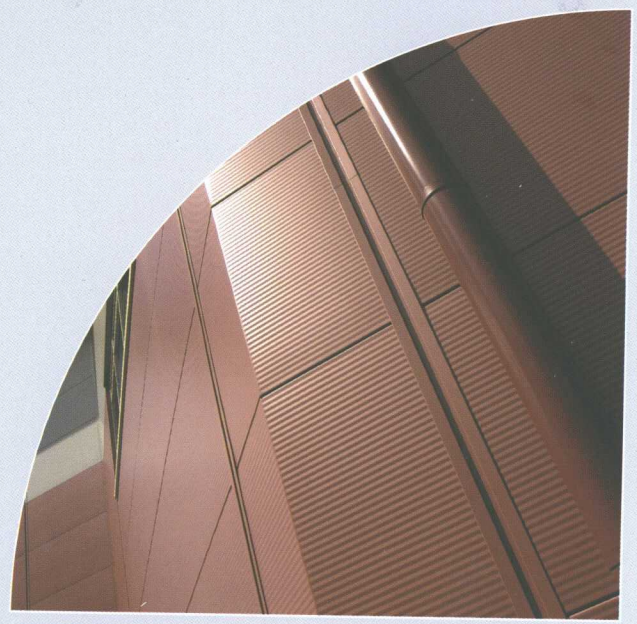
Kingspan **enviro***care*® Technical Services offer technical advice and support throughout the design and construction process. From the undertaking of Energy Performance Calculations to the creation of project specific NBS specifications, Kingspan **enviro***care*® Technical Services can help to ensure that your building complies with the building regulations.

UK
Tel: 0800 587 0090

Ireland
+353 (0) 42 96 98529

enviro*care* TECHNICAL SERVICES

Kingspan's Field Service Engineers offer free contractor training on the installation of new and existing products at our specially designed Kingspan energi centre in Holywell, North Wales and at Kingscourt, Ireland. They also offer a site inspection service throughout the construction stage and can offer advice on mechanical handling solutions.



Metal swatches of Kingspan XL Forté™ can be requested via Kingspan's Marketing Department to assist you in verifying colour and texture of the coating system before specification.

UK
Tel: +44 (0) 1352 717251
Email: info@kingspanpanels.com

Ireland
Tel: +353 (0) 42 9698 540
Email: marketingkc@kingspan.net

For further information, the latest updates and to view our 3D virtual colour selector for Kingspan XL Forté™ go to www.kingspanpanels.com/XLForte

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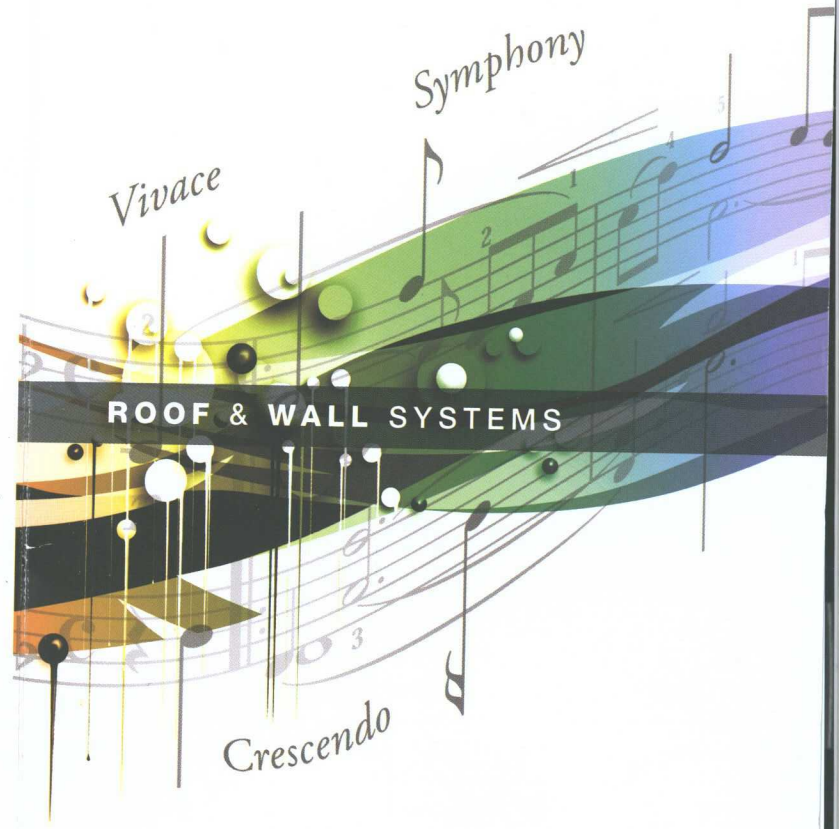
Kingspan®

Insulated Panels DISCONS



Kingspan XL forté™

A strong and colourful coating system

Kingspan®

Classic Finish

Kingspan XL Forté™ consists of a multi layer organic coating, embossed with a traditional leathergrain finish which will easily match existing building envelopes.



Properties

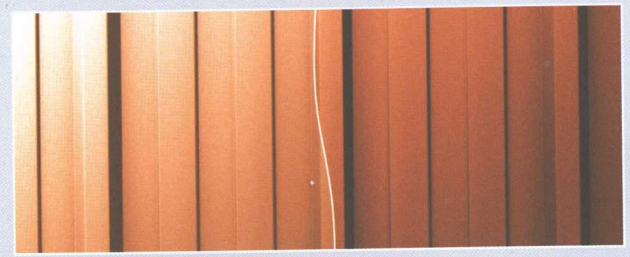
Kingspan XL Forté™	
Properties	Phthalate-free organic coating
Application	Roofing, cladding, ancillaries and accessories
Description	
Thickness	Nominal: 200 microns
Gloss (Gardner 60°)	15 – 45 GU %
Appearance	Embossed leathergrain
Performance	
Scratch resistance (Clemen)	≥ 3500 g
Abrasion resistance (Taber)	≥ 30 mg
Impact resistance	Very good (no loss of adhesion)
Resistance to cracking on bending	≥ 1.5 T
Salt spray testing	1000 hours
Condensation resistance	1500 hours
Temperature resistance	Maximum 75°C
UV resistance	Excellent

Please note that the data in the table above are typical properties and should not be used as a specification. Please contact Kingspan ***enviro****care® Technical Services for further information.*



Colour fastness and UV resistance

The improved properties of Kingspan XL Forté™ provide better gloss retention and weather resistance than most other coatings available on the market. Kingspan XL Forté™'s improved UV resistance fully complies with European RUV4 classification (EN 10169/1) and (EN 10169/2).



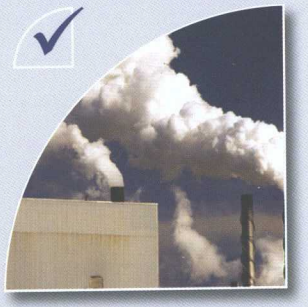
Standard coating after testing — Kingspan XL Forté™ after testing

Corrosion resistance

Kingspan XL Forté™ uses an innovative substrate of zinc-aluminium alloy coating 265 g/m² (ZA265) which provides maximum resistance to corrosion on scratches and on cut edges.



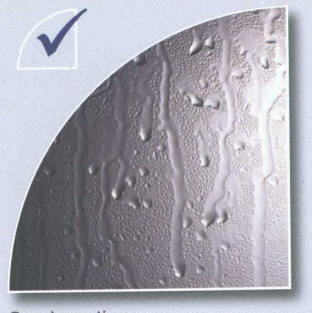
Corrosion



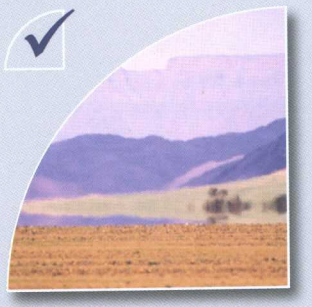
Chemical Attack



Ultra-Violet



Condensation



Abrasion

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ECO*safe* FIRE*safe* FIBRE*free*

FM APPROVED

Approved to LPS 1161
Certificate No's. 186a & 260a
Approved to LPS 1208
Certificate No. 186b

For further details visit:
www.kingspanpanels.com/XLForte