



# MetFloor – Hard Coat Polyester

Available as an additional colour coating to the CMF MetFloor decking range, Hard Coat Polyester provides an enhanced protective coating solution beyond standard polyester and other organic coatings. Utilised in conjunction with a suitable maintenance regime, the lifespan and durability of the MetFloor decking are enhanced.

Lifespans stated below are for the aesthetic and functionality of the organic coating only – when combined with regular maintenance and the protection provided by the metallic coating, the lifespan of the system may be enhanced.

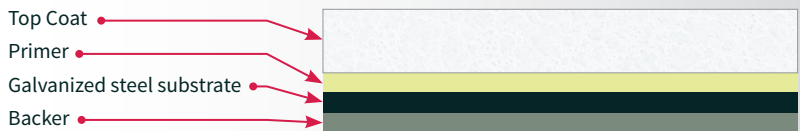


## ELEMENT THICKNESSES: (EN 13523-1)

<b>Metallics (Z275)</b>	20µm
<b>Primer</b>	12µm
<b>PE Outer (HC)</b>	20µm
<b>PE Backing</b>	12µm (approx.)
<b>SPECULAR GLOSS</b>	8.7% (EN 13523-2)
<b>T BEND FLEXIBILITY</b>	1/0 T (EN 13523-7)
<b>PENCIL HARDNESS</b>	typ. > 2H
<b>IMPACT RESISTANCE</b>	18J (EN 13523-5)

## COATING ELEMENTS

The Hard Coat Polyester build-up consists of a polyester top coat (approx. 20µm) complete with substrate primer (approx. 12µm) and a backing coat to the reverse side (approx. 12µm). The coating provides a flexible low gloss finish with very good scratch resistance, excellent adhesion and outstanding resistance to UV-light and atmospheric corrosion.



## LIFESPAN TO FIRST MAINTENANCE

If utilised in more corrosive environments such as car parking structures, additional consideration for adequate waterproofing and drainage must be completed by the designer to avoid hidden corrosion on the concrete covered upper surface.

Application / Category		Lifespan to 1st maintenance	Guarantee
External	C3	> 25 years	Up to 25 years

Note: Lifespan to 1st maintenance and product guarantee are dependent upon location and environmental category, provided on a project by project basis.

LIFESPAN TO 1<sup>ST</sup> MAINTENANCE

CONTINUED MAINTENANCE REGIME OF COATING

DESIGN WORKING LIFE »

Note: Coated MetFloor decking is a non-standard product; supply is subject to minimum volume and contract assessment.

## WELDING

Colour coated decking products are not suitable for through deck stud welding - CMF recommends the use of pre studded beams.

## DESIGN

Colour coated decking products which use a backer are not suitable for composite slab designs. Where a backer is applied, designs must be for formwork-only.

For further information please contact CMF:

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