

# TECHNICAL DATA

Properties	Attributes	Unit (min or max)	Specification Limit
Thickness	Tolerance	% Max (mm)	+ / - 0.10
Resistance to surface wear	Wear resistance	Revolution cycle	> 350
Resistance to scratching	Load	Rating (mm)	2
Resistance to impact of small diameter ball	Spring force	N (min)	20
Resistance to impact of large diameter ball	Drop height	mm (min)	600
Resistance to immersion in boiling water	Appearance	Rating (min)	4
Resistance to dry heat	Appearance	Rating	Slight effect
Resistance to cigarette burns	Appearance	Rating (min)	3
Dimensional stability at elevated temperature	Cumulative dimensional change	% (max)	
		Machine direction	0.65
		Cross direction	1.1
Resistance to staining	Appearance	Rating	
		Group 1 & 2	5
		Group 3	4
Lightfastness	Contrast	Rating	4

## PRODUCT INDEX

### SURFACE FINISHES

<b>DM</b>	Deluxe Matt	<b>ES</b>	Elegant Stone	<b>EV</b>	Elegant Veneer	<b>PG</b>	Pearl Gloss
<b>EM</b>	Elegant Matt	<b>ET</b>	Elegant Texture	<b>G</b>	Gloss		

## PRODUCT CARE

### USE AND CARE GUIDE

#### CLEANING

A clean cloth or a sponge is all you need to remove most stains on the surface.

Use a mild household cleaner or detergent for difficult stains such as coffee or tea, if necessary. Rinse with clean water.

Dry the surface with a clean and non-abrasive cloth.

Avoid using any cleaning agent containing acid, alkali or sodium hypochlorite, as they may corrode, discolour or ruin the surface of the laminate.

#### PRECAUTION

**Sharp Objects:**

Do not use sharp objects such as knives or box-cutters to chop, slice or hammer directly on the laminate surface.

**Hot Objects:**

Do not place hot cookware directly on the laminate surface.

**Surface Exposure:**

Never expose the laminate to temperatures above 60°C for prolonged periods, which may result in the separation of the laminate from the substrate.

## PRODUCT CERTIFICATIONS



HANA Laminates has been awarded the internationally recognized GREENGUARD and GREENGUARD GOLD Certifications for its low emissions of air-borne pollutants. HANA Laminates carry the Singapore Green Label from the Singapore Environment Council for meeting the established stringent eco standards. The SGLS serves as a minimum level of conformance to ensure the certified product is sustainably produced and managed throughout its life.

### CHANGE OF SPECIFICATION

HANA Laminates reserves the right to change specification at any time without prior notice. It is recommended that you request actual sample prior to installation.

### DISCLAIMER

The information provided in this catalogue is for reference and serves as a guide only. Actual colours of the laminate sheet may vary from this catalogue. Full size images of laminate sample pieces in this catalogue are available for download from the QR code. HANA Laminates reserves the right to amend or update product description at any time. HANA Laminates is not liable for damages of any kind arising from this catalogue. Kindly inspect all products prior to installation.



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