


















# EXPONA®

## EnCORE RIGID LOC

Expona EnCore Rigid Loc PUR is a collection of high design luxury interlocking vinyl flooring tiles, with a polyurethane reinforcement to reduce maintenance time and costs.

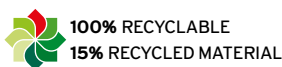
Combining an array of realistic wood effect tiles with authentic surface textures, Expona EnCore Rigid Loc PUR is ideal for all home interiors & heavy commercial areas within the retail, leisure, office, education and healthcare sectors, amongst others.

	Gauge	ISO 24337	6.5mm (0.26")
	Wear Layer	ISO 24340 (EN 429)	0.55mm (0.022")
	IXPE Acoustic Layer		1mm (0.04")
	Plank Size	ISO 24337	10 @ 177.35 x 1212.4mm = 2.15m <sup>2</sup> (6.98" x 47.73" = 23.14ft <sup>2</sup> ) 9 @ 196.4 x 1212.4mm = 2.14m <sup>2</sup> (7.73" x 47.73" = 23.03ft <sup>2</sup> )
	Total Weight	ISO 23997 (EN 430)	10,800g/m <sup>2</sup> (19.91lb/sq.yd)
	General Performance	EN 16511 ASTM F3261	Conforms Class I Type B Grade I; Backing Class B
	Use Area	ISO 10874 (EN 685)	 
	Acoustic Impact Sound Reduction	EN ISO 10140-3 ASTM E2179	19dB 23 Delta IIC
	Impact Insulation Class	ASTM E90/492	55 IIC, 54 STC
	Resistance to Chemicals	ASTM F925	Excellent - Chart available upon request
	Reaction to Fire	ASTM E648 EN 13501-1 ASTM E662 CAN/ULC S-102.2	Class 1 Class Bfl-S1 -450 PASS FSV < 300; SDV < 500
	Abrasion Resistance	EN 13329 Annex E	≥4000 cycles, Type 1
	Slip Resistance	EN 13893 DIN 51130 ASTM D2047	Class DS (dry condition) R10 SCOF ≥0.5  For safety flooring with sustainable wet slip resistance, refer to Expona Control or the Polysafe ranges.
	Residual Indentation	ISO 24343-1 (EN 433) ASTM F970 ASTM F1914	≤0.15mm (≤0.006") ≤0.005" @ 250psi ≤0.005"
	Impact Resistance	EN 13329 Annex F	Pass ≥1800mm (≥70.87")
	Dimensional Stability	ISO 23999 (EN 434) ASTM F2199	≤0.2% Pass
	Thermal Resistance	ISO 12664	0.035m <sup>2</sup> K/W
	Underfloor Heating		Suitable, max 27°C
	Resistance to Light	ASTM F1515	ΔE ≤ 8.0 - MEETS
	Light Fastness	ISO 105-B02	≥6
	Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 - MEETS
	Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
	Furniture Leg	ISO 16581 (EN 424)	Pass (no visible damage), Foot type O
	Swelling	EN ISO 24336	Pass (0.0%)
	Flatness/Openings/Dimensions	ISO 24337	Conforms
	VOC Emissions	Indoor Air Comfort GOLD AgBB/ABG VOC test Afsset	Eurofins certified product Very low emissions A+
	Responsible Sourcing	SA 8000	Approved factory

PUR - Expona Encore Rigid Loc PUR features a high quality, cross-linked polyurethane reinforcement, UV cured to provide a low cost, polish-free maintenance regime for the lifetime of the flooring.

For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult **Polyflor Customer Technical Services** email [tech@polyflor.ca](mailto:tech@polyflor.ca).

The data presented is correct at the time of printing. For latest information, please visit our website [polyflor.ca](http://polyflor.ca).  
Decoration and shade may vary slightly from the samples shown.



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