

Specification Sheet No

PSA
210

Description

EXPONA ENCORE RIGID LOC
PUR

Date

AUG
2023

ARCHITECTURAL SPECIFICATION / BOQ

SPECIFICATION:

Supply and install Expona EnCore Rigid Loc rigid interlocking vinyl floor tile, having the following laminated construction: circa 0.55mm clear PVC wear layer, circa 0.07mm print film layer and circa 5mm rigid layer and 1mm IXPE acoustic foam layer, the flooring shall feature a high quality, cross-linked polyurethane reinforcement to provide superior cleaning benefits, life cycle maintenance savings and optimum appearance retention, in accordance with EN 16511, the in-use classification is 23 and 34, as defined in EN ISO 10874: i.e. domestic areas with heavy use; commercial areas with very intensive use, in respect of flame spread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class B - S1, achieving the criteria EN ISO 9239-1 $\geq 8\text{kw/m}^2$ and the mandatory requirement of EN ISO 11925-2 pass. The flooring shall have been fully tested to ASTM E648 by an independent test house and classified as Class 1 rating, making it suitable for use in institutional, commercial and public buildings, with regard to EN 13893 for slip resistance, the flooring shall be classified DS, making it suitable for use in areas which are predominantly dry, when tested to DIN 51130, the flooring achieves an R10 slip rating, for flooring with sustainable wet slip resistance, refer to Expona Control PUR or the Polysafe ranges, the product's weight should not be more than 10,800g/m², in respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 as having a pass to ≥ 6

Colour:

Code:

INSTALLATION:

PRIOR TO INSTALLATION

When installing Rigid Core Loc Herringbone Vinyl Flooring planks always follow current national standards for the installation of floor coverings. Current installation best practice incorporating the latest technical developments should also be employed. The preparation of the subfloor, the installation of the floor covering, and the measures taken to safeguard value are key factors in ensuring optimum suitability and performance of resilient floor coverings. On receipt of materials, check that the colours correspond to those ordered and that there is no damage or visual defects in the material. Check that the material is from one batch; (if that was ordered). Claims for visual defects can only be accepted prior to installation and cutting.

PREPARATION OF SUBFLOORS

Subfloors should be prepared as described in BS 8203 / DIN 18365 or prevailing local / national standards. Rigid Core Loc Herringbone Vinyl Flooring can be installed over most hard subfloors, provided they are prepared in accordance with local standards. Subfloors must be hard, clean, and free from contamination, dry, durable, flat, and sound. Solid subfloors must be tested in accordance with local standards to ensure they are not damp. Carpets and soft floorings are unsuitable as a base for the installation of Rigid Core Loc Herringbone Vinyl Flooring and will need to be removed prior to installation. Remove all debris and vacuum the whole subfloor area prior to commencing the installation. Where underfloor heating is used the maximum temperature on the surface of the flooring must never exceed 27°C. Subfloors should be tested for

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moisture in accordance with local standards. Solid subfloors should demonstrate a maximum damp content of 75%RH before the installation can begin.

Remove any unevenness in the subfloor prior to installation. Subfloor levels should be in accordance with local national standards and in any event, should never exceed a maximum deviation of 5mm when measured under a 3m long straight edge. High spots and ridges should be removed to prevent damaging the plank's locking mechanism.

CONDITIONING

Rigid Core Loc Herringbone Vinyl Flooring must be protected against dirt and moisture during storage and both before and during the installation. The climatic conditions acceptable for the installation of Rigid Core Loc Herringbone Vinyl Flooring are:

- Floor temperature > 15°C
- Room temperature > 18°C

Prior to installation, open the boxes and place them in the room they are to be installed in for a minimum of 48 hours BEFORE the installation commences, so the material can acclimatise. Boxes should never be stacked greater than 3 high during this time. Ensure that the room temperatures are between 18 and 27°C during the acclimatisation period. Shuffle the planks to ensure a random appearance before installation.

INSTALLATION

As Rigid Core Loc Herringbone Vinyl Flooring is a floating floor, a minimum expansion gap of 5mm should be left around the entire installation perimeter and anything protruding from the subfloor such as radiator pipes, pillars, columns – any fixed down items. For larger installations over 5m x 5m an expansion gap of 1mm per linear meter of room length should be used**. For example, a room 8m x 4m would require an expansion gap of 8mm around the entire perimeter of the room and around anything protruding from the floor. In areas of 5m x 5m and under; use small offcuts as spacers between the planks and the walls to help achieve the correct expansion gap size. Skirting boards should be removed, and door frames / architraves undercut to allow for possible expansion. A suitable quadrant or scotia trim can be used to cover the expansion gap. In larger areas use specifically sized spacing strips.

Rigid Core Loc Herringbone Vinyl Flooring is a loose lay product. In areas subject to large temperature fluctuations such as heavily glazed areas and areas subject to direct sunlight, special care must be taken including a larger expansion gap of a minimum 10mm and adequate UV protection.

If installing in multiple rooms, finish the Rigid Core Loc Herringbone Vinyl Flooring planks in the doorway on either side of the door to make separate floors. Allow a larger expansion gap between two such floors of double that left around the perimeter. Use two small offcut pieces of Rigid Core Loc Herringbone Vinyl Flooring placed back-to-back to gauge the correct expansion gap size at door thresholds. A suitable threshold strip can then be installed to cover the resultant gap. Rigid Core Loc Herringbone Vinyl Flooring should never be installed across multiple rooms as one floor. When adjoining other floor coverings, finish the Rigid Core Loc Herringbone Vinyl Flooring in the doorway. An appropriate expansion gap should be left between the Rigid Core Loc Herringbone Vinyl Flooring and the adjoining floor covering. This can be covered using a suitable threshold or diminishing strip (see diagram below). Areas over 10m x 10m will require specialist advice. Please contact Polyflor on +27 (0) 11 609 3500.

YOU WILL NEED

- Pencil
- Utility knife
- Retractable measuring tape or folding ruler
- Handsaw / Powered Multi Tool
- Plunge Saw

- Carpenter's adjustable square
- Suitable Straight Edge
- Pull bar
- 0.9mm wire
- Spacers

The use of safety glasses and protective gloves should also be considered.

* Rigid Core Loc Herringbone Vinyl Flooring planks are 100% waterproof. Therefore, they will not absorb water and the structural integrity of the product will not be affected by water e.g.: no swelling. In the case of standing water or flooding, Rigid Core Loc Herringbone Vinyl Flooring will not act as a barrier between standing water/flooding and the subfloor, and as such is not recommended for continually wet areas such as walk-in shower rooms.

** Room Length is dictated by using the length of the longest wall.

Important Information

Please request the full Camaro Rigid Core PUR Installation Guide from Polyflor on +27 (0) 11 609 3500.

MAINTENANCE:

This program will keep maintenance costs to a minimum.

INITIAL CONSTRUCTION CLEAN

- Remove all loose debris.
- Mop sweep or vacuum to remove dust and grit.
- Damp mop with a neutral detergent.
- If required, dry buff with a 1000 rpm plus rotary machine fitted with a suitable clean pad.

ROUTINE MAINTENANCE

The following recommendations are provided as a guideline, and the frequency can be changed to optimise the appearance.

Daily

- Mop sweep or vacuum to remove dust and loose dirt.
- If required, spot clean to remove stubborn marks with a neutral cleanser.
- If required, dry buff to restore finish.

Weekly/Monthly

- Assess the appearance of the floor.

APPLICATION OF A FLOOR DRESSING

- Should you wish to apply a floor dressing to the floorcovering to provide extra protection in heavily trafficked areas, please follow details of the procedure below.
- Using an applicator and tray, or Kentucky mop with wringer and bucket, the first coat should be applied thinly and evenly across the floor, to within 200mm of the skirtings. It should then be left to dry. This normally takes approximately thirty minutes, depending on the ambient conditions and the thickness of the coating.
- When the first coat is dry, a second coat should be applied at right angles to the direction of the first. Subsequent coats should be applied at right angles, and the final coat should be applied right up to the skirting.
- Two to three thin coats are usually sufficient to provide excellent resistance to abrasion, scuffing and removal of black heel marking. However, be guided by your own periodic assessments for the particular location.
- To minimise costs, subsequent polish applications may be applied only to traffic paths.
- Periodically – generally every six months – assess the appearance of the floor. If there is an unacceptable build-up of polish, this should be stripped and reapplied, as per the instructions above.

NOTE: This maintenance regime requires the installation of a robust and effective barrier matting system.

- Cleaners and detergents should be diluted as per the manufacturer's instructions. These maintenance instructions are intended for Polyflor Camaro Rigid Core, which incorporates a polyurethane reinforcement.

EnCORE RIGID LOC



9028 River Wine Oak 177.95 x 1212.4mm



9036 Treehouse Oak 196.4 x 1212.4mm



9026 Summerhouse Oak 177.95 x 1212.4mm



9037 Shingle Oak 196.4 x 1212.4mm



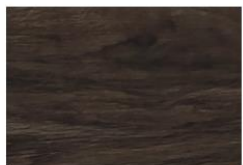
9027 Eden Ash 177.95 x 1212.4mm



9029 Log Cabin Oak 177.95 x 1212.4mm



9039 Rich Hazel Oak 177.95 x 1212.4mm



9032 Tennessee Oak 177.95 x 1212.4mm

Decorations and shade may vary from the samples shown. For final colour selection a larger sample should be used which Polyflor can provide.

EnCORE RIGID LOC



9034 Parkside Limited Oak 196.4 x 1212.4mm



9033 Moorland Oak 196.4 x 1212.4mm



9035 Harbour Side Oak 196.4 x 1212.4mm



9025 Icelandic Oak 177.95 x 1212.4mm




















9025 Icelandic Oak 177.95 x 1212.4mm

Micro bevelled edges Pattern and/or colour variation

EXPONA EnCORE RIGID LOC

Expونا 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 features, Expونا 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	0.5mm
	Wear Layer	EN 429/ISO 24340	0.55mm
	IXPE Acoustic Layer		3mm
	Plank Size	ISO 24337	10 ⌀ 177.35 x 1212.4mm = 2.25m ² 9 ⌀ 196.4 x 1212.4mm = 2.14m ²
	Total Weight	EN 430/ISO 23997	30,800g/m ²
	General Performance	EN 16511	
	Use Area	EN 685/ISO 10874	
	Reaction to Fire	EN 13501 CAN/ULC S102.2	Class Bfl-S1 Pass - Flame Spread <300, Smoke Developed <500
	Impact Sound Reduction	EN ISO 10940-3	19dB
	Abrasion Resistance	EN 13329 Annex E	≥ 4000 cycles, Type 1
	Slip Resistance	EN 13893 DIN 51130	Class DS (dry condition) R10
		For safety flooring with sustainable wet slip resistance, refer to Expونا Control or the Polysafe ranges.	
	Indentation Residual	EN 433/ISO 24343-1	≤ 0.02mm
	Impact Resistance	EN 13329 Annex F	Pass >800mm
	Dimensional Stability	EN 434/ISO 23999	≤ 0.2%
	Thermal Resistance	ISO 12664	0.034m ² K/W Suitable for underfloor heating, Max 27°C.
	Light Fastness	ISO 105-B02	≥ 6
	Castor Chair (continuous use)	EN 425/ISO 4915	Yes, 25,000 cycles, type W, EN 12 520
	Furniture Leg	EN 424/ISO 36581	Pass (no visible damage), Foot type O
	Sealing	EN ISO 24336	Pass (0.0%)
	VOC Emissions	Indoor Air Comfort GOLD AgBB VOC test Ahsel	Eurofins certified product Very low emissions A+
	Responsible Sourcing	SA 8000	Approved factory

PUR - Expونا 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 on +44 (0)161 767 1912, or email tech@polyflor.com.
The data presented is correct at the time of printing. For latest information, please visit our website polyflor.com.
Decoration and shade may vary slightly from the samples shown.

