

We have pleasure in enclosing your O&M Manual. This document contains important information to help ensure a successful installation, and provides guidance on how to maintain your product. This document should be passed directly to the end user so that the flooring can be correctly maintained in the future. If you require further information please contact Customer Services on T: +44 1622 719090 E: [info@quadmod.com](mailto:info@quadmod.com) W: [www.quadmod.com](http://www.quadmod.com)

## Contents

**For each separate product ordered you will receive a separate O&M Manual.**

**If the product you ordered is supplied in multiple formats the O&M Manual will contain installation guidelines for each format; please make sure you refer to the appropriate guidelines for the format you have ordered.**

- Product Specification
- Installation Guide
- Maintenance Guide



# SALTO 55

## Product Specification

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Product Specifications			
Description		Commercial Loose-Lay LVT Flooring	
Surface Construction	Wear Layer	0.55 mm PU Wear Layer	
	Decorative Layer	High Resolution Print Film	
Availability		Stocked	
Lead Time		Ex-stock 1-2 wks   Ex-production 8-10 wks	
Format		hardBAC	hardBAC-NR (Acoustic Backing)
Backing Construction	Core	Stabilised hardBAC Core	Stabilised hardBAC Core
	Attached Underlay		Attached Acoustic Underlay
Total Thickness		5.0 mm	5.0 mm
Total Weight		8,100 g m <sup>2</sup>	6,400 g m <sup>2</sup>
Product Size	Tiles	457.2 mm x 457.2 mm	
		500 mm x 500 mm	500 mm x 500 mm
		914.4 mm x 914.4 mm	914.4 mm x 914.4 mm
	Planks	1200 mm x 180 mm	1200 mm x 180 mm
Pack Size	Tiles	10 Tiles   2.5 m <sup>2</sup>	10 Tiles   2.5 m <sup>2</sup>
	Planks	10 Planks   2.16 m <sup>2</sup>	10 Planks   2.16 m <sup>2</sup>
Minimum Order Quantity		1 Box	1 Box
Installation Method		Loose-lay on Tackifier	Loose-lay on Tackifier
Recommended Laying Pattern	Tiles	Monolithic	Monolithic
	Planks	Variable Drop	Variable Drop
Recommended Adhesives	F Ball & Co	F41	F41
	Uzin	U2100   Universal Tackifier	U2100   Universal Tackifier

Performance Specifications			
Format		hardBAC	hardBAC-NR (Acoustic Backing)
Wear Rating	EN 1307	33   Heavy Commercial Use	33   Heavy Commercial Use
Castor Chair Resistance	EN 425	≥ 2.4r   Continuous Use	≥ 2.4r   Continuous Use
Residual Indentation	EN 24343	≤ 0.1 mm	≤ 0.2 mm
Flammability Rating	EN 13501-1:2020	B <sub>F1</sub> S1	B <sub>F1</sub> S1
Impact Sound Insulation	EN ISO 10140	ΔLw 7 dB	ΔLw 19 dB
Slip Resistance	EN 13893:2003	Class DS	Class DS
	BS 7976-2:2002   Dry	μ 0.78   Low Slip Potential	μ 0.78   Low Slip Potential
	BS 7976-2:2002   Wet	μ 0.48   Low Slip Potential	μ 0.48   Low Slip Potential
	DIN 51130	R9	R9
Thermal Resistance	EN 12667:2001	0.17 m <sup>2</sup> kW   Suitable for UFH	0.39 m <sup>2</sup> kW   Suitable for UFH
Electrostatic Properties	EN ISO 6356	≤ 2 kV   Antistatic	≤ 2 kV   Antistatic
Colourfastness to Light	ISO EN 105-B02	> 6 (on a scale of 1-8)	> 6 (on a scale of 1-8)
Formaldehyde Emissions	EN 717-1	E1	E1
Content of Pentachlorophenol (PCP)	EN 14041 Annex B	Undetectable	Undetectable
VOC Emissions	Indoor Air Comfort	Gold   Breeam, LEED & Ska Compliant	Gold   Breeam, LEED & Ska Compliant
EPD	ISO 14025   EN 15804	SCS-03633	SCS-03633

**Additional Information**

hardBAC-NR Acoustic Tiles & Planks are only available in selected colours. For further information please contact Customer Services.

## Installation Guide

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This guide is for experienced installers. Adherence to these procedures should result in a quality installation. Quadrant will not be responsible for poor workmanship, problems created by improper site conditions or installation, improper subfloors, improper applications, adhesives, varnishes and the use of maintenance products not recommended, or detectable defects verifiable prior to installation. Quadrant will be responsible, within the scope of the product specifications and warranties, for defective materials, but that does not include materials installed with defects identified prior to installation. If these instructions do not cover a particular site condition or if you require further information please contact Customer Services.

### Pre-Installation

Care should be taken when handling boxes to avoid damage. When stored, boxes should be stacked flat & square, with no overhang, and stacks should not be so high that they become unstable or place undue pressure on the bottom boxes. Boxes should never be stacked on their side. Protect the flooring from extreme temperatures.

Boxes are individually labelled with Quality, Colour & Batch Number. Batches should not be mixed in the same area unless authorised by the specifier.

The product must be conditioned in its packaging in the area in which it is to be laid for a minimum of 48 hours before installation. The ambient temperature within the area during conditioning and installation should not exceed 25°C or fall below 15°C and Relative Humidity should be maintained between 40% and 70%. These conditions must be maintained throughout the installation and for a minimum of 48 hours after installation. Only remove outer packaging when ready to install the materials.

The product should not be installed over electrical (dry) underfloor heating systems. They are suitable for use over hot water (wet) systems. The system should be switched off at least 48 hours prior to installation, and remain switched off throughout, and for 48 hours after, the installation. Subsequently the surface temperature should be gradually increased to operating temperature and should never exceed 27°C. Bear in mind that rugs placed on top of the flooring may act as heat accumulators increasing the surface temperature of the floor beyond the recommended limit.

The product is for indoor use only.

The product should not be installed in areas subject to extreme temperatures or strong, sustained sunlight unless permanently glued to the subfloor using a 2 part polyurethane adhesive such as [Uzin KR430](#).

The product should not be installed over a separate acoustic underlay. Selected items in our range are supplied with an integrated acoustic underlay. For further information contact Customer Services.

The product should not be installed in permanent wet areas. They can be installed in areas where spillages frequently occur, however care must be taken to avoid liquids penetrating under the planks where they can create conditions for the growth of fungus and mould.

Prior to beginning the installation all other trades should have their work completed and the area should be clear, clean and dust free.

Inspect the materials in daylight for any visible faults or damage and report any visible faults to Quadrant immediately and do not install the affected materials.

For the best results we recommend mixing tiles or planks from different boxes before installing as this minimises pattern repetition and results in a more authentic installation.

### Subfloor Preparation

Subfloors should be prepared in accordance with BS 5325 or corresponding national and European standards.

All traces of previous floorcoverings and adhesives must be completely removed to reveal the original subfloor. Only in limited cases where the existing flooring is solid and non-absorbent (for example ceramic tiles) can our flooring be installed over an existing floorcovering, subject to suitable preparation of the surface.

The subfloor must be level, clean, dry, smooth, crack-free and free from surface contaminants. The surface should be moisture-free. Subfloors that do not meet these criteria will require additional surface preparation to ensure a perfect installation.

Our modular products are suitable for installation directly onto raised access floors providing the panels are clean, smooth and dust free, and the panels are level and horizontally aligned. Any discrepancies in levels and any surface defects are likely to show through the flooring and prevent joints from settling properly.

The final appearance of your flooring depends on the quality of the subfloor.

### Laying Pattern

For each product we recommend specific laying patterns. The laying pattern represents the direction and stagger of the tiles or planks when installed. The specifier should select the preferred option from those recommended by Quadrant and advise the installers accordingly. The recommended laying patterns for each product are detailed on the Product Specifications which can be viewed or downloaded from our website at [www.quadmod.com](http://www.quadmod.com).

### Adhesives

We recommend modular products are installed loose-lay with tackifier adhesive. We specifically recommend F Ball & Co and Uzin adhesives, however other manufacturers' adhesives may be used providing they are of a similar specification and quality. Always follow the manufacturers recommended application methods when applying adhesives. Our recommended adhesives for hardBAC Tiles and Planks are:

- [F Ball & Co Styccobond F41](#)
- [Uzin U2100](#) | [Uzin Universal Tackifier](#)

## Installation Guide

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### Installation

Measure the area to find the best setting out point that would utilise a maximum size perimeter tile or plank. In some cases, due to doorways or partitions, the starting point is not the centre of the room. After selecting the starting point, snap chalk lines to bisect this point at right angles. In order to check the right angle mark a point exactly 3 metres from the starting point along one of the chalk lines and 4 metres on the bisecting line. The measurement between the two should be exactly 5 metres.

Adhesive should be applied strictly in accordance with the manufacturer's recommendations to the whole floor area to receive modules. It is advisable to restrict the application to an area that can be completed without long interruption. Particular care should be taken when applying adhesive to raised floor modules to avoid surplus adhesive collecting in the joints between the panels.

After the adhesive has dried begin the installation at the intersection of the chalk lines. Complete the installation one quarter area at a time laying the modules firmly and accurately along the anchor lines. Remaining modules in the quadrant should be installed using the stair step method.

A tight installation without compression is required, however care should be taken to avoid exerting excessive pressure when butting one tile against another. This can result in peaked or buckled joints.

As each module is installed ensure that the installation remains square and conforms to the chalk lines. Failure to maintain a square, accurately registered installation leads to stepped joints and gaps between modules which results in visible seams.

Perimeter modules should be cut from the back using a straight edge and a sharp blade. With the tile face side down, accurately measure and mark the module on the backing. Using a knife and straight edge, cut through the backing.

On completion of the installation the floor should be rolled with a 50kg roller to ensure the modules are firmly bedded into the adhesive.

To avoid disruption do not walk on or move furniture onto the floor until the area is completely anchored. Protect all completed areas as necessary to avoid damaging the flooring.

### Post-Installation

It is advised not to use the floor until the adhesive has fully cured. As a guide foot traffic should be avoided for 24 hours and furniture movement avoided for 48 hours after completion. Do not drag heavy objects across your floor and always place some kind of protection between an object and the floor when performing movements.

Before using your flooring we recommend you vacuum and mop the entire area thoroughly to remove all dust and dirt.

Protect your flooring immediately after installation to avoid unnecessary damage by other trades.

The Health and Safety Executive advises the thermal environment of a workplace where the activity is light and mainly sedentary, should conform to the following criteria, tending towards the lower limits: an operative temperature of 20°C to 24°C during winter and 23°C to 26°C during summer. Levels of relative humidity in the range of 40 to 70% are recommended. At higher temperatures, the relative humidity should be at the lower end of this range.

These guidelines are designed to provide you with the basic information needed to create an effective maintenance programme, however for detailed advice and implementation please consult our national aftercare service provider Traffik UK Ltd ([www.traffik.uk.com](http://www.traffik.uk.com) T: 01985 840400 E: [info@traffik.uk.com](mailto:info@traffik.uk.com)). Quadrant cannot accept responsibility for claims arising from product that has not been specified, installed or maintained in accordance with our guidelines. A consistent, proactive maintenance programme can significantly improve appearance retention throughout the life of the flooring and defer the need for premature replacement. Planned maintenance not only maximises your return on investment but also represents sound environmental stewardship as lifecycle analysis shows that the overall environmental footprint of flooring is reduced by increasing the amount of time a floorcovering remains on the floor.

### Preventative Maintenance

Outside maintenance helps minimise the immediate sources of soil. The cleaner you keep the areas around the perimeter of your building, the less dirt that will be tracked inside.

Walk-off mats, grates and removable mats help collect soil before it can be tracked throughout the building. Be sure soil barriers are large enough to allow for at least 5 steps across. Vacuum daily, clean frequently and change often for best results.

Use strong plastic sheeting with taped joints to protect the flooring during any building or enabling works as damage caused by contamination by products such as paint and varnish may prove difficult to remove.

To avoid damaging the floorcovering, protect sharp edges of furniture and avoid dragging items across the flooring.

Manage your HVAC system to remove any airborne particles before they are re-circulated, regularly replace or clean filters on air-handling equipment. Airborne soil includes industrial wastes, auto emissions, tobacco smoke and pollen.

Maintain your vacuum cleaners to ensure effective regular cleaning of your facility your vacuum cleaners must retain extracted dry particulate within the vacuum cleaner and not push it back into the area as fine dust.

### Managing Spills & Stains

Promptly remove spills & stains because although spills are inevitable, permanent stains do not have to be. Most stains can be avoided or removed by immediate, or at least same day, treatment. It is good practice to have spot and stain removal products and equipment on hand for immediate use and to follow the manufacturer's detailed instructions carefully.

### Vacuuming

Heavy to moderate traffic areas such as entrances, receptions, lift lobbies, lift cars, busy corridors and walkways, funnel points, cafeterias, vending areas, should be vacuumed daily. Light traffic areas such as offices and conference rooms should be vacuumed at least two to three times per week.

Vacuum using either tub vacuum or upright vacuums to remove dry soil. Vacuums must be capable of removing the dry soil without producing unacceptable pile distortion and without distribution of the particulate or volatile organic chemicals into the air.

Consideration should be given to the use of vacuums equipped with High Efficiency Particulate Air Filters (HEPA). These filters are capable of filtering particles down to 0.3 microns, which includes bacteria and spores but not viruses. The HEPA-filtered vacuums have a very healthy impact upon indoor air quality.

Vacuum bags should be emptied frequently, and never allowed to become more than one-quarter full. As bags fill up, vacuum efficiency decreases. When vacuuming heavy traffic areas, bags should be checked and emptied often. Change filters and brushes before they become clogged or worn.

### Cleaning

Regular cleaning with a pH neutral cleaner will help keep your floor at its best. Follow these simple steps for cleaning your Loose-Lay LVT floor:

- Remove any loose dirt or dust by vacuuming or sweeping with a soft bristle brush
- Mop the floor with a pH neutral cleaning solution (follow the manufacturer's recommendations), removing any excess liquid
- Allow your floor to dry before walking on it

Do not use steam cleaners of any kind to clean your Loose-Lay LVT as this may damage the flooring.

### Planned Maintenance

In commercial locations cleaning should be carried out by professionals with experience cleaning your particular type of flooring. There is a significant risk of permanently damaging flooring if cleaning is not carried out using the correct methods, equipment, chemicals and procedures. We strongly recommend you implement a planned maintenance programme using a reputable and experienced carpet cleaning expert. The goal of planned maintenance is to keep your floors clean and maintain a consistent appearance level at the lowest possible cost, without sacrificing safety.

For detailed advice and quotations please consult our national aftercare service provider Traffik UK Ltd ([www.traffik.uk.com](http://www.traffik.uk.com) T: 01985 840400 E: [info@traffik.uk.com](mailto:info@traffik.uk.com)).