



F. Ball and Co. Ltd.



Flooring Installation PRODUCTS

A GREAT FINISH STARTS WITH F. BALL



F. Ball and Co. Ltd.

GUARANTEERING OPTIMUM RESULTS

When customers are investing in high-quality flooring for their refurbishment or grand design, it is absolutely critical to make sure that finished results live up to expectations. Following best practice in subfloor preparation and flooring installation is as important as the selection of the floorcoverings itself for ensuring that installations meet the highest standards in their aesthetic appeal and lasting performance.

This involves selecting products that can help achieve optimum results, as well as avoiding common causes of floor failure, and this guide contains key information about F. Ball's smoothing and repair compounds, moisture management solutions, adhesives and ancillary products.

Flooring retailers and customers can also take peace of the mind from the F. Ball guarantee, which assures that its products will perform for the entire lifetime of a flooring installation, as long as the advised subfloor preparation and installation procedures are followed.

As a result, you can rely on combinations of the company's waterproof surface membranes, primers, smoothing compounds and adhesives to deliver an aesthetically pleasing floor finish for customers.

Installers can also check the compatibility of F. Ball adhesives and floorcoverings using the company's industry-leading Recommended Adhesives Guide (RAG®).

For those that want to dive deeper into subfloor preparation and floorcovering installation, F. Ball offers a range of resources, including its website, which features guides and technical articles on a range of subfloor preparation and flooring installation subjects, as well as video demonstrations of how to use the company's products.

“ Flooring professionals of any skill level can also attend free training courses at the *F. Ball Centre of Excellence*. ”

Flooring professionals of any skill level can also attend free training courses at the *F. Ball Centre of Excellence*, the purpose-built, state-of-the-art training centre at F. Ball's Staffordshire headquarters, including specialist courses for flooring retailers.

Contents	
4 – 5	A COMPLETE FLOORING SOLUTION
6 – 7	GET MORE WITH F. BALL
8	RETAIL SUPPORT
10	BALL REWARDS
12 – 19	FLOORING ADHESIVES
20 – 21	SYSTEM LVT
22 – 29	SMOOTHING & REPAIR COMPOUNDS
30 – 33	WATERPROOF SURFACE MEMBRANES
34 – 37	PRIMERS
38 – 39	CASE STUDIES

A COMPLETE FLOORING SYSTEM SOLUTION

The easy way to guarantee your floorcovering installation.

High quality floorcoverings rely on the floor beneath them being dry, sound and smooth. A system of products is needed to achieve this – beginning with a damp proof membrane and primer, which is overlaid by a smoothing compound that ensures an ultra-smooth finish. Specialist adhesives are then applied to ensure your floor performs as you need it to.



Subfloor preparation is crucial for a perfect finish.

The impact of not undertaking proper floor preparation can be expensive and disruptive.

Not only can even the smallest of blemishes show through and spoil a finish, but without appropriate moisture control and the right adhesive, coverings can quickly debond leading to the floorcovering having to be removed and replaced.



STICK WITH F. BALL ADHESIVE

Secure your floorcovering with tried, tested and trusted Stycobond adhesives. We have developed a range of specialist adhesives for installing decorative floorcoverings.



CREATING A BASE SMOOTHING COMPOUND

An appropriate floor smoothing compound (normally at a thickness of 2–3 mm) will create a uniform, smooth surface over which the floorcovering can be installed. A smoothing compound will help to fill any indentations or imperfections and provides an ultra-smooth foundation for the subsequent floorcovering installation.



PRIME IMPORTANCE PRIMER

Priming promotes the optimum performance characteristics of the smoothing compound and, when used over absorbent subfloors, such as concrete, prevents moisture being drawn from the smoothing compound, which can cause it to dry too quickly and can result in a poor surface appearance.



GUARDING AGAINST DAMP WSM

Whether the result of rising damp or residual construction moisture, unmanaged subfloor moisture can attack adhesives and floorcoverings and lead to tenting or gapping. It is still, by far, the leading cause of floor failure.

GET MORE WITH F. BALL

Added value service as standard.



PRODUCT GUARANTEE

The impact of not undertaking proper floor preparation can be expensive and disruptive. Not only can even the smallest of blemishes show through and spoil a finish, but without appropriate moisture control and the right adhesive, coverings can quickly debond leading to the floorcovering having to be removed and replaced.

Helping you with product selection, F. Ball's flooring systems comprise subfloor preparation products and adhesives that, when used in combination, guarantee optimum results.



FIRST CLASS TECHNICAL SUPPORT

F. Ball provides a one-to-one product recommendation and advice service to help flooring installers get the best results. The F. Ball technical service team responds to 11,000 enquiries each year and can be easily contacted by phone or email.

Our Technical Service Team are also available via video messaging platforms such as WhatsApp.

We offer support and advice from a wide range of online resources, including:

- Product Demonstration Videos
- Technical and Safety Data Sheets
- Product Coverage Calculator
- Website Support

Our team of experts are available during office hours (8.30am – 5pm Mon–Fri) on **01538 361633**, to provide installation advice & product recommendations.



By using the F. Ball RAG® you can be confident that the adhesive selected will work perfectly – every time.



RECOMMENDED ADHESIVES GUIDE®

The RAG® matches F. Ball adhesive products to more than 6,000 brand name floorcoverings from more than 200 leading international manufacturers. Each recommendation is approved and endorsed by the floorcovering manufacturer concerned. The RAG® is available as a printed guide and as an interactive tool, available at **www.f-ball.com/RAG** and as a download for your phone or tablet so contractors can access information while on site. The online RAG® and App are updated throughout the year to ensure the latest recommendations are always accessible.



FREE EXPERT TRAINING

We offer a comprehensive range of free training courses delivered through our Centre of Excellence, a state-of-the-art training facility in Staffordshire.

All courses are led by experts from the company's technical department and include subfloor preparation and floorcovering installation with practical demonstrations and exercises using a range of F. Ball products. Specific courses are run which are designed for the retail sector.

Available training course dates can be found on our website at **www.f-ball.com**

Book by phone on **01538 361633**

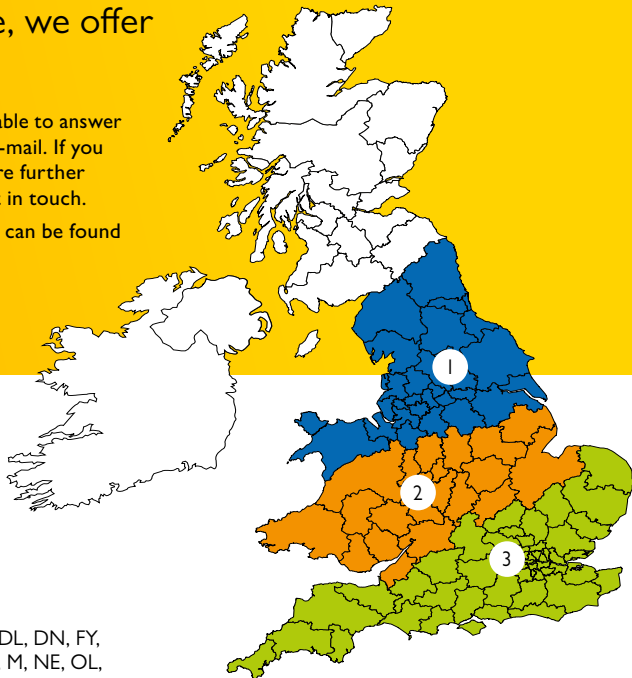
Email us at **training@f-ball.co.uk**

RETAIL SUPPORT

In order to provide our customers with a first class service, we offer expert retail support.

Our Retail Support Department is available to answer any queries over the telephone or by e-mail. If you have any questions, problems or require further information on any product, please get in touch.

Your local F. Ball Retail Representative can be found by using the postcode list below.



1

LIZZIE FARRIMOND

Mobile: 07902 105400

lizzie.farrimond@f-ball.co.uk

BB, BD, BL, CA, CH, CW, DH, DL, DN, FY, HD, HG, HU, HX, L, LA, LL, LS, M, NE, OL, PR, S, SK, SR, TS, WA, WF, WN, YO

2

RACHEL SORROLL

Mobile: 07548 107327

rachel.sorroll@f-ball.co.uk

B, BS, CF, CV, DE, DY, GL, HR, LD, LE, LN, NG, NN, NP, PE, SA, ST, SY, TF, WR, WS, WV

3

GABRIELA HARPER

Mobile: 07514 312613

gabriela.harper@f-ball.co.uk

AL, BA, BH, BN, BR, CB, CM, CO, CR, CT, DA, DT, E, EC, EN, EX, GU, HA, HP, IG, IP, KT, LU, ME, MK, N, NR, NW, OX, PL, PO, RG, RH, RM, SE, SG, SM, SS, SL, SN, SO, SP, SW, TA, TN, TQ, TR, TW, UB, W, WC, WD

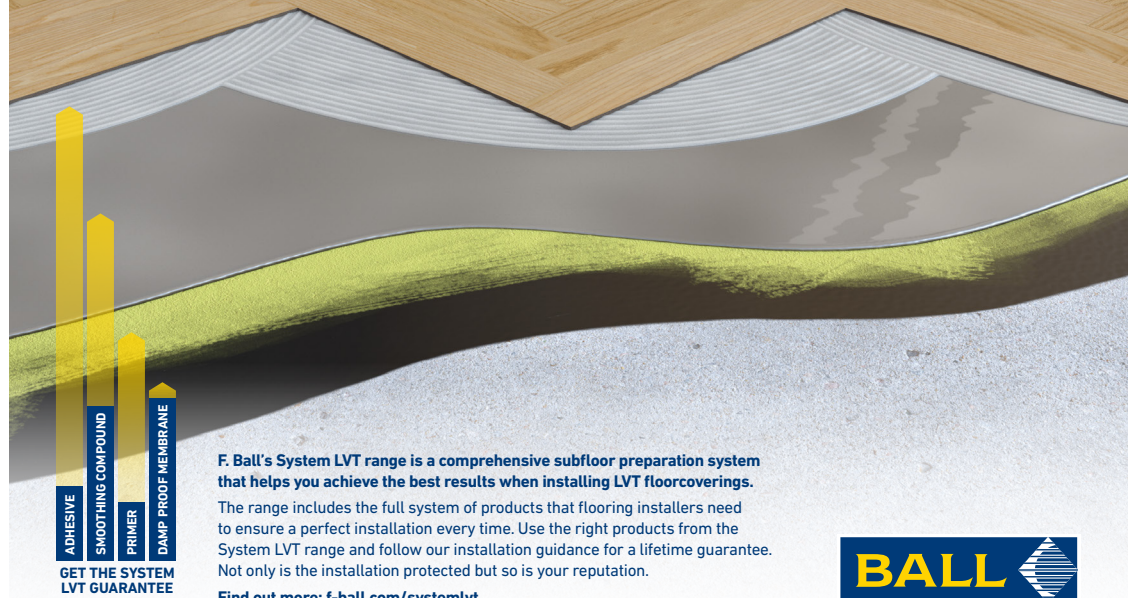


“ If you have any questions, problems or require further information on any product, please get in touch. ”



SYSTEM LVT FLOORING INSTALLATION PRODUCTS

LOOKING AFTER FLOORS AND REPUTATIONS FROM THE GROUND UP.



ADHESIVE
SMOOTHING COMPOUND
PRIMER
DAMP PROOF MEMBRANE
GET THE SYSTEM LVT GUARANTEE

F. Ball's System LVT range is a comprehensive subfloor preparation system that helps you achieve the best results when installing LVT floorcoverings.

The range includes the full system of products that flooring installers need to ensure a perfect installation every time. Use the right products from the System LVT range and follow our installation guidance for a lifetime guarantee. Not only is the installation protected but so is your reputation.

Find out more: f-ball.com/systemlvt



A GREAT FINISH STARTS WITH F. BALL

CLAIM CASHBACK ON ALL F. BALL PRODUCTS

Ball Rewards is a free scheme that offers its members cashback on all F. Ball products as well as the chance to win amazing monthly prizes.



Plus...

GET ALL THESE MEMBERSHIP BENEFITS

- Cashback Rewards on ALL F. Ball products
- Special promotions, competitions and offers
- Exclusive Competition
- Free training at the F. Ball Centre of Excellence
- Personal notification of new products
- Online F-Talk Magazine
- Annual copy of the F. Ball Recommended Adhesives Guide

+2.5% CASHBACK
ON ALL F. BALL PRODUCTS



Open to all flooring retailers, sign up is free and can be done online at www.f-ball.com/rewards



50 YEARS ON AND STILL GETTING YOU OUT OF STICKY SITUATIONS.

We're celebrating 50 years of the F. Ball Recommended Adhesives Guide. The tested, approved, recommended, guaranteed and trusted go-to-guide for flooring adhesive compatibility. Along with the comprehensive printed book, the RAG® is available online and by downloading the RAG® App. **Get your copy today.**



SCAN THE QR CODE TO DOWNLOAD YOUR FREE RAG® GUIDE OR VISIT F-BALL.COM/RAG



FLOORING ADHESIVES

Secure your floorcovering with tried, tested and trusted Styccobond adhesives.

A comprehensive range of adhesives, many of which offer specialist characteristics such as high temperature tolerance, plasticiser resistance, pressure sensitive characteristics.

For floorcovering manufacturer's recommendations, please consult the latest F. Ball Recommended Adhesives Guide.



Key:



Drying Time* (minutes)



Pack Size



Open Time* (minutes)



Shelf Life



Suitable for use over underfloor heating



TROWEL ROLLER Application

*Dependent on application and site conditions

For more information, including technical data sheets, scan the QR code below





STYCCOBOND F3

Flooring Adhesive

An aqueous dispersion adhesive which offers excellent wet grab and benefits from an early build up of strength. It is protected against biodegradation and is suitable for use over normal underfloor heating installations.

General Use: Carpet adhesive for woven, rubber foam, secondary backed, needlepunch carpets and cork.



- ✓ High initial grab
- ✓ Can withstand wet cleaning
- ✓ Suitable for use over underfloor heating

Coverage: 3m² per litre (2mm x 6mm trowel) / 1.5m² per litre (3mm x 6mm trowel)



STYCCOBOND F44

Acrylic Vinyl Flooring Adhesive

A solvent-free acrylic emulsion adhesive which is designed to give a high bond strength, strong initial tack and a long open time.

General Use: Acrylic Adhesive for vinyl sheet and tiles, PVC backed carpets.



- ✓ High initial grab
- ✓ Can withstand wet cleaning
- ✓ Long open time
- ✓ Suitable for use over underfloor heating

Coverage: 4m² per litre (1.5mm x 5mm trowel)



STYCCOBOND F46

Pressure Sensitive Flooring Adhesive

Solvent-free adhesive with high bond strength that dries to a permanently tacky film.

General Use: Offers true pressure sensitive properties and is ideal for design floorcoverings.



- ✓ Permanently tacky when dry
- ✓ Infinite open time
- ✓ Suitable for use over underfloor heating
- ✓ Solvent-free

Coverage: 5m² per litre (1.5mm x 5mm trowel) / 4m² per litre (Fine Notch/A1 trowel)
3m² per litre (A2 trowel)



STYCCOBOND F48 PLUS

Fibre-Reinforced, High Temperature Grade Vinyl Adhesive

A fibre-reinforced, solvent-free co-polymer emulsion adhesive having high resistance to both heat and PVC plasticisers, making it particularly suitable for use in conservatories or areas with floor-to-ceiling windows.

General Use: Plasticised PVC floorcoverings in both sheet and tile form.



- ✓ High temperature tolerance
- ✓ Suitable for use over underfloor heating
- ✓ Can withstand wet cleaning
- ✓ Plasticiser resistant

Coverage: 4m² per litre (1.5mm x 5mm trowel)



NO TIME TO WAIT? USE F58 PLUS.



FIBRE-REINFORCED, PRESSURE SENSITIVE ADHESIVE FOR THE INSTALLATION OF LVT.

STYCCOBOND F58 PLUS is a fast-drying, pressure sensitive adhesive that is ideally suited for the installation of LVT floorcoverings. Fibre-reinforced for quicker installation, meaning you can get to work faster.

- Fast drying – install LVT floorcoverings from 5 minutes
- Up to 180 minutes open time
- Can be used as wet lay, semi-wet or PS adhesive
- Excellent grab
- Can also be used to install rubber floorcoverings



TRUST THE YELLOW BUCKET



For the latest product information visit

www.f-ball.com

STYCCOBOND F49 HYBRID PS Pressure Sensitive Adhesive



A two-part temperature tolerant, water-based pressure sensitive adhesive for bonding vinyl floorcoverings where temperatures can fluctuate between -20°C and +60°C.

General Use: Designed for use in areas where PVC floorcoverings have to be tolerant of extreme temperature variations.



- ✓ Tolerant to extreme temperatures
- ✓ Fast build up of bond strength
- ✓ Water resistant – suitable for wet rooms
- ✓ 7 hours working time*

Coverage: 5.5m² – 6m² per kg (Fine Notch/A1 trowel)

For the installation of Skirting, Coving and Capping

Can be used as a single coat pressure sensitive impact adhesive for securing PVC edging and flexible PVC skirting, coving and capping as well as PVC and PVC backed textile floor and wall coverings.

- ✓ Single surface bonding
- ✓ High strength, high grab
- ✓ Suitable for vertical applications
- ✓ Rapid curing

Coverage: 120 linear metres per 2kg (with a STYCCOBOND Spreader – supplied with kit)

*3 hours pot life plus 4 hours open time

STYCCOBOND F58 PLUS Fibre-Reinforced Vinyl and Rubber Floorcovering Adhesive



Fast-drying, fibre-reinforced, solvent-free wet-set, semi wet or pressure sensitive adhesive.

General Use: PVC vinyl sheet and tile floorcoverings. Rubber sheet and tile floorcoverings.



- ✓ Fast drying
- ✓ Excellent grab
- ✓ Suitable for use over underfloor heating

Coverage: Up to 6m² per litre



STYCCOBOND F73 PLUS

Heavy Duty One Part Flooring Adhesive

A single pack, fibre-reinforced moisture curing heavy duty flooring adhesive suitable for installing a wide range of floorcoverings and for artificial grass. It is water resistant and suitable for outdoor use.

General Use: Can be used for securing needlepunched / fibre bonded carpets, artificial grass, PVC, latex, polyurethane and rubber backed carpets, vinyl and rubber floorings, in both sheet and tile format.



- ✓ Secure floorcoverings from 90 minutes
- ✓ Resistant to oil, grease and water
- ✓ Weld from 2 hours
- ✓ Suitable for outdoor use

Coverage: 25m² per pack (A2 trowel) / 20m² per pack (2mm x 6mm trowel)
14m² per pack (3mm x 6mm trowel)



STYCCOBOND B95

High Performance, Flexible Wood Flooring Adhesive

A flexible adhesive specially designed to accommodate natural movement in wood flooring over its lifetime.

General Use: Securing engineered boards (semi-solids) and a wide range of plank and wood strip flooring up to a maximum length of 1.5 metres.



- ✓ Flexible with high bond strength
- ✓ Suitable with underfloor heating
- ✓ Quick setting
- ✓ Isocyanate and solvent-free

Coverage: 800g per m² (B3 or 3mm x 6mm trowel) / 1000g per m² (B11 trowel)



STYCCO FLEX

Rapid Curing Flexible Adhesive

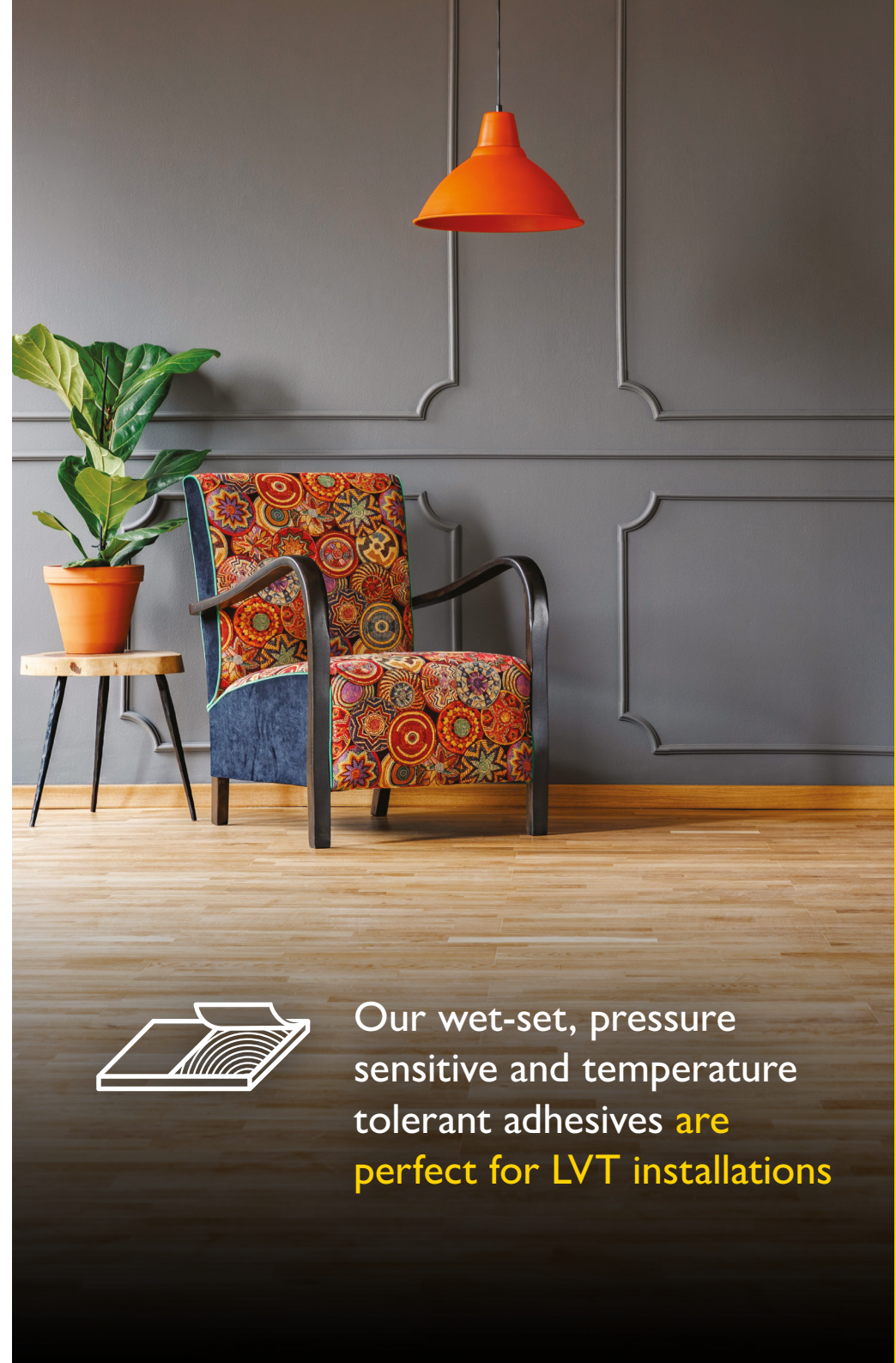
A rapid curing flexible adhesive with excellent gap filling properties that is suitable for bonding a wide range of construction and building materials to most surfaces in both internal and external environments.

General Use: Suitable for fixing carpet gripper, PVC cladding, skirting boards, architrave, trims and securing header rows when installing wood flooring. Stycco Flex can be used to install highly plasticised PVC flooring accessories and trims, including skirting, coving, capping and edging strips.



- ✓ Secure nosings from 1 hour
- ✓ Suitable for interior and exterior application
- ✓ Secure carpet gripper from 30 minutes

Coverage: 38 linear metres at 3mm bead



Our wet-set, pressure sensitive and temperature tolerant adhesives **are perfect for LVT installations**

THE SYSTEM LVT RANGE



LVT floorcoverings have become an increasingly popular choice for a wide range of applications. In response, F. Ball has developed the System LVT range: a comprehensive subfloor preparation system that helps you to achieve optimum results when installing LVTs. The F. Ball System LVT range includes all the products flooring installers will need to ensure a perfect installation every time.

Crucially, because the entire system is provided by us, contractors avoid compatibility issues and benefit from the F. Ball product guarantee. We offer a wide range of products to suit every installation environment, and with the F. Ball RAG® at their fingertips contractors can be sure they are using the correct products for the LVT floorcovering being installed.

For more information, including technical data sheets, scan the QR code below



STYCCOBOND LVT ADHESIVES SELECTOR CHART

The chart below can be used to determine the best adhesive for the job. We would always recommend consulting the F. Ball RAG® or contact the F. Ball technical department for more information.

	STYCCOBOND F44	STYCCOBOND F46	STYCCOBOND F48 PLUS	STYCCOBOND F49 HYBRID PS	STYCCOBOND F58 PLUS
Primary role	Wet-set, high bond.	True pressure sensitive for high design LVT.	Wet-set, high temperature grade.	Pressure sensitive for areas of extreme temperature variations.	Fast-drying, transitional pressure sensitive.
Features	High bond strength. Strong initial tack.	True PS. Infinite open time. Excellent plasticiser resistance.	Wet-set. Fibre reinforced Excellent dimensional stability.	High temperature tolerance (-20°C to +60°C). Suitable for wet rooms. Also suitable for securing PVC skirting, coving and capping.	Easy to use – wet-set, semi-wet or pressure sensitive. Fibre-reinforced. Fast-drying.
Open time (minutes)	60	Infinite	30	420*	180
Lay LVTs from (minutes)	10 to 15	40	5	10	5 to 10
Wet-set	●		●		●
Transitional				●	●
Pressure sensitive		●		●	●
High temperature			●	●	
Fibre-reinforced			●		●
Moisture tolerant				●	
Suitable with UFH	●	●	●	●	●
Suitable for marine use	●	●		●	●
Coverage	Up to 4m ² per litre	Up to 5m ² per litre	Up to 4m ² per litre	Up to 6m ² per kilo	Up to 6m ² per litre

*pot life + open time



All F. Ball smoothing compound conform to EMICODE ECI (very low emission) and UK CA/CE standards. Please refer to the product data sheet for details of standards.

SMOOTHING & REPAIR COMPOUNDS

Create a smooth and level base for your floorcovering.

High-performance smoothing compounds for a range of general-purpose and specialist applications, such as fast-track installations and preparing heavy-duty areas and subfloors of metal and wood. Repair and finishing compounds help ensure a perfectly smooth subfloor finish, including facilitating repairs to damaged screeds and filling indentations formed by screws used to secure plywood and hardboard sheets as well as gaps at joints.



Key:



Walk On Time



Pack Size



Mix With Water



Shelf Life



European Conformity



UK Conformity

For more information, including technical data sheets, scan the QR code below





STOPGAP FAST-TRACK 30

Rapid Set, Rapid Dry Smoothing Compound

Incorporates the latest advances in cement technology providing a truly fast track solution. Walk-on from 30 minutes.

General Use: Light to heavy-duty applications for preparing sound absorbent and non-absorbent subfloors prior to the installation of new floorcoverings.



- ✓ Application thickness from 2 – 10mm
- ✓ Excellent self-levelling properties
- ✓ Install floorcoverings from as little as 45 minutes
- ✓ Advanced binder technology

Coverage: 5.6m² at 2mm thickness



STOPGAP 300

Heavy-Duty Smoothing Compound

A rapid hardening, water mix smoothing compound.

General Use: It is designed for use on both absorbent and non-absorbent interior subfloors, in areas that are subjected to heavy-duty trafficking.



- ✓ Application thickness from 2 – 20mm*
- ✓ Excellent self-levelling properties
- ✓ Suitable for hand or pump application
- ✓ Protein free

Coverage: 5m² at 3mm thickness

*Up to a maximum of 15mm unfilled



STOPGAP 400

Rapid Hardening Repair Compound

A protein free, water mix compound designed for repairing and making good internal floors, steps and stairs.

General Use: It is slump resistant and rapid hardening making it ideal for creating ramps and coving. It can be trowelled to a feathered-edge and used in conjunction with Stopgap Graded Aggregate for greater thickness.



- ✓ Application thickness from 2 – 20mm (unfilled)
- ✓ Ramps and coverings can be repaired
- ✓ Application thickness from 20 – 50mm (filled)
- ✓ Can be trowelled to a feathered edge

Coverage: 2.1m² at 3mm thickness per 10kg unit



STOPGAP MICRO RAPID

Floor Finishing Compound

Rapid setting, rapid drying, flexible, floor finishing compound that incorporates the latest advances in cement technology providing a truly fast-track solution and an ultra-smooth surface finish.

General Use: Suitable for light to medium traffic areas. Water mix, it requires no priming and can be trowel applied to form a feathered edge finish.



- ✓ Rapid setting, rapid drying
- ✓ Protein free
- ✓ Suitable over plywood joints
- ✓ Low odour

Coverage: 37.5m² Scratch Coat per 8kg unit



STOPGAP 700

Fibre-Reinforced Smoothing Compound

A fast drying, fibre-reinforced smoothing compound enabling fast-track installation of new floorcoverings over flexible substrates.

General Use: Designed specifically for use over plywood, steel and raised access panels.



- ✓ Fibre reinforced for improved flexibility
- ✓ Fast drying technology
- ✓ Application thickness from 2 – 10mm

Coverage: 4.8m² at 3mm thickness

NEW

MADE IN GREAT BRITAIN



THE SMOOTHING COMPOUND DEVELOPED FOR UNDERFLOOR HEATING

- WALK ON FROM 3 HOURS
- LAY FLOORCOVERINGS FROM 12 HOURS
- APPLICATION THICKNESS 3-40MM
- SUITABLE OVER WATER-FED UFH
- SUITABLE OVER ELECTRIC UFH



STOPGAP 1100

Calcium Sulphate Based Smoothing Compound

Stopgap 1100 Gypsum provides a smooth and level surface prior to the installation of new floorcoverings.

General Use: Designed specifically for use over calcium sulphate based screeds, such as anhydrite.



- ✓ Application thickness from 2 – 10mm
- ✓ Can be filled up to 50mm
- ✓ Low pH
- ✓ Low odour

Coverage: 5m² at 2 – 3mm thickness



STOPGAP 1200

High Performance Smoothing Compound

A low odour, fast setting, fast drying, two component smoothing compound suitable for preparing sound internal subfloors prior to the installation of new floorcoverings.

General Use: It is particularly suitable for use over old adhesive residues (including bitumen and carpet tile tackifiers) without the need for priming.



- ✓ Application thickness from 2 – 10mm
- ✓ Can be filled up to 30mm
- ✓ Suitable direct to adhesive residues
- ✓ Lay floorcoverings from 4 hours

Coverage: 5m² at 2 – 3mm thickness



STOPGAP 1200

Liquid

General Use: For use with Stopgap 1200 powder only.



Mixing Ratio: 5 litres to 20kg of powder



STOPGAP 1500

High Performance Water-mix Smoothing Compound

A fast-setting, fast-drying water-mix smoothing compound. It offers excellent self-smoothing properties and its moisture tolerant formulation means it can be used under Stopgap waterproof surface membranes.

General Use: It is particularly useful over old adhesive residues (including bitumen and carpet tile tackifiers) without the need for priming.



- ✓ Application thickness from 2 – 10mm
- ✓ Suitable direct to adhesive residues
- ✓ Can be filled up to 30mm
- ✓ Bond floorcoverings from 4 hours

Coverage: 5m² at 2 – 3mm thickness



STOPGAP 1600

Fibre-Reinforced Smoothing Compound

A fibre-reinforced smoothing compound designed for new or existing internal floor refurbishments in both domestic and commercial environments, prior to the installation of new floorcoverings.

General Use: Suitable for use over both electrical wired and water-fed underfloor heating and cooling systems.



- ✓ Application thickness from 3 – 40mm
- ✓ Use over electric and water-fed underfloor heating systems
- ✓ Lay floorcoverings from 12 hours

Coverage: 3.7m² at 3mm thickness



	HIGH PERFORMANCE SMOOTHING COMPOUNDS								REPAIR AND FINISHING COMPOUNDS			
	STOPGAP FAST-TRACK 30	STOPGAP 300	STOPGAP 600 ⁽¹⁾	STOPGAP 700	STOPGAP 1100	STOPGAP 1200	STOPGAP 1500	STOPGAP 1600	STOPGAP 400 REPAIR	STOPGAP MICRO RAPID		
	+ WATER	+ WATER	+ WATER	+ WATER	+ WATER	+ STOPGAP 1200 LIQUID	+ WATER	+ WATER	+ WATER	+ WATER		
Product Features	Rapid Setting Rapid Drying	Fast Drying Self-smoothing	Thick Section Fast Drying	Flexible Fibre-reinforced	Compatible with calcium sulphate floors	Rapid Drying Self-smoothing	Rapid Drying Self-smoothing	Fibre-reinforced Fast Drying	Slump Free Rapid Drying	Feather Edge Rapid Drying		
Working Time at 20°C (min)	10 – 15	20 – 30	20 – 30	20 – 30	20 – 30	15 – 20	15 – 20	15 – 20	10 – 15	10		
Time to Foot Traffic at 20°C – approx (hrs/min)	30min	90min	3hrs	60min	2hrs	60min	60min	3hrs	20 – 30min	20min Scratch Coat		
Time to cover with a floorcovering or seal – approx (Hours)	Absorbent	45min	6	6 – 24 ⁽¹⁾	3	24 – 48	4	4	12 – 72	1 ½ @ 2mm	20min Scratch Coat	
	Non-absorbent	60min	12		4							
Application Thickness	Unfilled	Min (mm)	2 – 3	2 – 3	5	2 – 3	2 – 3	2 – 3	3	2 – 3	Scratch Coat	
		Max (mm)	10	15	75	10	10	10	10	40	20	1
		Can be Filled	No	Up to 20mm	No	No	Up to 50mm	Up to 30mm	Up to 30mm	No	Up to 50mm	No
Suitable for Biologically Sensitive Areas	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Coverage at 3mm per bag (m ²)	5.6 @ 2mm	5.0	2.8 @ 5mm	4.8	5.0	5.0 @ 2 – 3mm	5.0 @ 2 – 3mm	3.7 @ 3mm	n/a	n/a		
Suitable for Pump Application	No	Yes	Yes	No	Yes	No	Yes	Yes	No	No		
Suitable for High Temperature areas e.g. conservatories	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Compressive Strength 28 Day (N/mm ²)	35	35	30	30	30	16	16	25	30	16		
Flexural Strength 28 Day (N/mm ²)	10	8	7	10	7	6	6	6	4	6		
EN 13813 Class / EN 1504-3 Class	CT-C35-F10	CT-C35-F7	CT-C30-F7	CT-C30-F10	CA-C30-F7	CT-C16-F6	CT-C16-F6	CT-C25-F6	CT-C30-F4	CT-C16-F6		
SUBFLOOR SUITABILITY + PRIMER RECOMMENDATION												
TYPE	Concrete, Sand/Cement Screeds and Other Solid Absorbent Surfaces	Dilute P131	Dilute P131	Dilute P131	Dilute P131 or Stopgap Fill and Prime	Dilute P121	Apply Direct or Dilute P131 ⁽²⁾	Apply Direct or Dilute P131 ⁽²⁾	Dilute P131	Apply Direct to Damp Surface or Dilute P131	Apply Direct to Surface	
	Non-absorbent Surfaces e.g. Terrazzo, Ceramic Tiles	Neat P141	Neat P141	Neat P141	n/a	Neat P141	Apply Direct	Apply Direct	Neat P141	Neat P131 or Neat P141	n/a	
	Power Floated Concrete (shot blasted)	Neat P141	Neat P141	Dilute P131	n/a	Neat P141	Apply Direct or Dilute P131 ⁽²⁾	Apply Direct or Dilute P131 ⁽²⁾	Neat P141	Apply Direct	n/a	
	Calcium Sulphate e.g. Anhydrite Screeds	P121 ⁽⁶⁾	P121 ⁽⁶⁾	n/a	n/a	P121 ⁽⁶⁾	P121 ⁽⁶⁾	P121 ⁽⁶⁾	n/a	n/a	P121 ⁽⁶⁾	
	Minimal Adhesive Residues on solid base	Neat P131	Neat P131	Neat P131	n/a	Neat P131	Apply Direct	Apply Direct	Neat P131	Neat P131	n/a	
	Stopgap F77 (F78 see ⁽³⁾)	Neat P141	Neat P141	Neat P141	Neat P141	Neat P141	Apply Direct ⁽⁴⁾	Apply Direct ⁽⁴⁾	Neat P141	Neat P141	n/a	
	Flooring Grade Mastic Asphalt	n/a	Neat P141	n/a	n/a	Neat P141	Apply Direct	Apply Direct	n/a	n/a	n/a	
	Steel (non-flexing, corrosion free and clean)	Neat P141	Neat P141	Neat P141	Neat P141	n/a	Apply Direct	Apply Direct	Neat P141	n/a	n/a	
	Plywood Overlays	n/a	n/a	n/a	Dilute P131	n/a	n/a	n/a	n/a	n/a	Apply Direct	

THIS CHART IS FOR REFERENCE ONLY. ALWAYS REFER TO THE CURRENT TECHNICAL DATA SHEET, SUBFLOOR PREPARATION GUIDE AND/OR OUR TECHNICAL SERVICE DEPARTMENT FOR SPECIFIC GUIDANCE.

⁽¹⁾ In certain situations priming may not be necessary, for example, when installing textile floorcoverings. However, we would recommend priming with STOPGAP P131 diluted to 4:1 with water to prevent uncontrolled drying of the compound, pin-holing and to aid the flow and workability.

⁽²⁾ Within 24 hours and when not used in conjunction with Underfloor Heating.

⁽³⁾ STOPGAP F78 Waterproof Surface Membrane does not require priming (within 12 hours of application) refer to Product Data Sheet or Technical Service.

⁽⁴⁾ Please refer to the Stopgap P121 Product Data Sheet for the correct Mixing and Application method.

n/a = not applicable or not recommended.



WATERPROOF SURFACE MEMBRANES

Trapped moisture underneath floorcoverings can cause blisters or even failure of the adhesive and floorcoverings

F. Ball's high performance waterproof surface membranes provide a critical layer of protection, acting as a barrier between the subfloor and your choice of flooring product.



Key:



Drying Time* (minutes)



Pack Size



Open Time* (minutes)



Shelf Life



European Conformity



UK Conformity



Suitable for use over underfloor heating



TROWEL



ROLLER



BRUSH

Application

*Dependent on application and site conditions

For more information, including technical data sheets, scan the QR code below





THE ULTIMATE SOLUTIONS FOR SUBFLOOR MOISTURE

A COMPLETE SYSTEM FOR THE MEASUREMENT AND CONTROL OF SUBFLOOR MOISTURE.



Stopgap F77

Isolates residual construction moisture and rising damp up to 98% RH in a single coat. Apply direct over underfloor heating screeds where RH readings are up to 90%.

Stopgap F78

Impedes the passage of construction moisture up to 95% RH in a one component, ready to use system.

Stopgap Isolator Membrane

Loose lay, impervious sheet designed to provide a fast and easy solution for damp subfloors.

F. Ball Digital Hygrometer

For accurate measurement of relative humidity levels in accordance with British Standards.

A GREAT FINISH STARTS WITH F BALL



For the latest product information visit

www.f-ball.com



STOPGAP F77

High Performance Waterproof Surface Membrane
One Coat Application System

A solvent-free two part epoxy resin system which cures to provide a waterproof surface membrane.

General Use: It can be used to isolate residual construction moisture where relative humidity values are up to 98% or when there is no effective integral DPM and applied directly over underfloor heating screed with RH readings up to 90%.



- ✓ Use up to 98% RH with a single coat
- ✓ Colour pigmented to aid coverage uniformity
- ✓ Suitable for use over underfloor heating using a coverage of 1.8m²/kg where readings are up to 90% RH

Coverage: 1.8m²/kg (applications up to 98% RH) / 1.8m²/kg (applications with underfloor heating up to 90% RH)
2.5m²/kg (applications up to 85% RH)



STOPGAP F78

High Performance Waterproof Surface Membrane
Two Coat Application System

A solvent-free, one component, ready to use system which dries rapidly to provide a waterproof surface membrane.

General Use: STOPGAP F78 must be applied in two coats and can be used to isolate residual construction moisture where relative humidity values are up to 95%.



- ✓ Use up to 95% RH – two coat application
- ✓ Colour pigmented to aid coverage uniformity
- ✓ No mixing required
- ✓ Can be resealed and stored for future use

Coverage: 3.3m²/kg as a two coat application (applications up to 95% RH)



PRIMERS

Make sure you're primed and ready.

Priming can help to prevent 'pinholing'. These are small holes in the smoothing compound that have the appearance of pinholes or blisters, caused by the slow escape of air from absorbent surfaces as the smoothing compound dries.

If an adhesive or smoothing compound dries too quickly they may not achieve the desired bond strength required. Priming also aids workability of the compound to maximise product flow/working time.



Key:



Drying Time* (minutes)



Pack Size



Open Time* (minutes)



Shelf Life



Suitable for use over underfloor heating



TROWEL



ROLLER



BRUSH

Application

*Dependent on application and site conditions

For more information, including technical data sheets, scan the QR code below





STOPGAP PI21

Acrylic Primer

An acrylic primer designed to promote the adhesion of Stopgap smoothing compounds over synthetic anhydrite screeds.

General Use: Calcium sulphate screeds (e.g anhydrite).



- ✓ Pigmented to provide coverage control
- ✓ Prevents the rapid drying of adhesives and smoothing compounds

Coverage: 10m² per litre (first coat diluted 1 part primer with 1 part water / second coat neat)



STOPGAP PI31

General Purpose Primer

Neoprene emulsion primer designed to prevent rapid drying of adhesives and smoothing compounds.

General Use: To promote adhesion of Stopgap smoothing compounds to both absorbent and non-absorbent surfaces.



- ✓ Pigmented to provide coverage control
- ✓ Prevents the rapid drying of adhesives and smoothing compounds

Coverage: 20m² – 35m² per litre (when diluted with water*) / 10m² per litre (neat)

*Refer to technical data sheet



STOPGAP PI41

Primer For Non-Absorbent Surfaces

An acrylic primer designed to provide a textured surface, to provide increased adhesion to floor smoothing compounds.

General Use: To promote adhesion of Stopgap smoothing compounds to non-absorbent surfaces.



- ✓ Textured surface for increase adhesion
- ✓ Increased Coverage
- ✓ Fast Drying
- ✓ Pigmented to provide coverage control

Coverage: Up to 13m² per litre (neat)



STOPGAP FILL AND PRIME

Flexible Cement Based Primer Two Component

Designed to have a thixotropic consistency which enables joints up to 4mm to be filled in raised access panels. Applied up to a thickness of 1mm, it sets rapidly and is ready to receive foot traffic in as little as 60 minutes. Once cured, the flexible nature of the product will accommodate movement within the substrate.

General Use: Suitable for use over raised access panels and substrates with well bonded, waterproof residues of adhesives prior to the direct application of Stopgap 1200 or Stopgap 1500. It can be applied to flooring grade wooden substrates such as plywood, orientated strand board (OSB 3), particle board (chipboard) conforming to BSEN 312 Annex A P4-P7 and medium density fibreboard, prior to the application of Stopgap 700. It may also be used to smooth out uneven tongue and groove floorboards prior to over boarding with plywood.



- ✓ Fast drying
- ✓ Thixotropic – fill joints up to 4mm wide
- ✓ Excellent flexibility

Coverage: 8.5m² at 0.5mm thickness



CASE STUDIES

F. Ball products are used extensively in the installation of floorcoverings across a wide range of market sectors.



FLOORING BY HENTON

F. Ball products spark conversations at ‘Flooring by Henton’ refurbishment.

Carpet and flooring specialist, ‘Flooring by Henton’ opted for Stopgap 1200 smoothing compound and Stycobond F48 PLUS high temperature grade vinyl adhesive to achieve a high quality LVT floor finish in the company’s own showroom: offering visitors instant visual endorsement of the company’s workmanship and attention to detail.

The first point of action for flooring contractors was to remove old carpet, LVT and wood floorcoverings from the 90m² floor of the showroom. Contractors then applied Stopgap 1200 smoothing compound over the entire subfloor to create a perfectly smooth base for the receipt of floorcoverings.

The main area of the showroom has a large glass front, with the potential to cause solar gain and extreme temperatures. Therefore, Stycobond F48 PLUS high temperature grade vinyl adhesive was selected to install wood-effect vinyl planks to ensure the floorcoverings would hold firmly in place when exposed to extreme temperatures.

“

This project required the highest quality finish to complement the wonderful interior of the family property. Stopgap 1100 offers a simple solution when working with an anhydrite surface, and was so easy to use. ”



ILSTON GRANGE

Stopgap 1100 offers the solution for grand refurbishment.

Stopgap 1100 smoothing compound has been used to achieve a luxurious floor finish for a beautiful family home, set in rural Leicestershire. The high performance product is specially formulated for use over calcium sulphate screeds, and was specified for the ground floor refurbishment of the kitchen, breakfast room and utility room areas in the property.

To begin the installation, contractors cleaned and suitably prepared the 130m² anhydrite surface, before applying two coats of Stopgap P121 primer. The use of the acrylic primer is recommended when using Stopgap 1100, as it helps to promote the adhesion of the smoothing compound to the calcium sulphate surface, and prevents the product drying too rapidly, which can cause cracks and imperfections in the finished surface.

Stopgap 1100 was then applied over the primed surface at a thickness of 3mm. The formulation of the product is calcium sulphate based to ensure compatibility with this type of subfloor screed, and provided a smooth and level surface prior to the installation of the final Amtico floorcovering.

Download the RAG® App

Scan the QR code to download the RAG® App from the Apple App Store or Google Play



Join Our Rewards Scheme

Scan the QR code to sign up to our free scheme and start earning cashback on all F. Ball products



F. Ball and Co. Ltd.

Churnetside Business Park
Station Road
Cheddleton
Leek, Staffordshire
ST13 7RS
United Kingdom

Tel: +44 (0) 1538 361633

Email: mail@f-ball.co.uk

www.f-ball.com

