

MADE IN GREAT BRITAIN



MARINE & OFFSHORE FLOORING INSTALLATION PRODUCTS



PERFORMANCE AND DURABILITY EVERY TIME

It is essential that floor preparation products used in the marine and offshore environment are both predictable and reliable.

F. Ball and Co. Ltd. is the UK's leading manufacturer of flooring adhesives and floor preparation products for the contract, commercial and residential flooring industry. Established in 1886, the company's market leading products are tried and trusted across the contract flooring industry where F. Ball flooring adhesives, levelling compounds and ancillary floor preparation products offer proven reliability for applications in many various sectors. F. Ball ensures these key performance requirements for your floor project through:



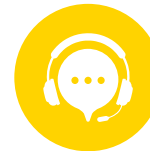
**INNOVATIVE
PRODUCT
DEVELOPMENT**



**OVER 135
YEARS OF
EXPERIENCE IN
MANUFACTURING
FLOORING
INSTALLATION
PRODUCTS**



**STATE-OF-THE-
ART PRODUCTION
CAPABILITIES**



**GLOBAL
TECHNICAL
SUPPORT FROM
OUR EXPERTS**



Crucially, the entire F. Ball marine flooring range carries the prestigious IMO Wheel Mark – your assurance that products have been tested and certified to meet the exacting standards of the International Maritime Organisation. This is backed by the highly respected guarantee that the F. Ball products you use are suitable for the conditions, sites and traffic as detailed in the relevant technical data.

UNPARALLELED TECHNICAL SUPPORT

F. Ball provides a one-to-one product recommendation and advice service to help marine 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.

RAG[®]

F. BALL RECOMMENDED ADHESIVES GUIDE

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

Choosing the right adhesive for your marine project makes the installation both easier and quicker.

But with so many new floorcoverings and materials coming into the market, and the increased number of adhesives being developed in response, selecting the right adhesive can be a complex task.

F. Ball developed the Recommended Adhesives Guide (RAG[®]) to simplify this process and help flooring installers to be confident in their adhesive selection.

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.

ONLINE
MOBILE
PRINT



Our adhesives are tested with the various floorcoverings listed in the RAG[®] and go through a rigorous testing programme which takes 54 days.

IT'S ALL IN THE PREPARATION

The secret to a successful flooring installation is in ensuring that the subfloor is suitable and ready to accept the floorcovering.

Projects in the marine sector often have more stringent, specific requirements than conventional flooring installations – meaning the highest level of product performance is essential.

To meet these demands, F. Ball has developed a comprehensive range of specialist high-performance levelling compounds. This range is designed to make marine floor preparation easier and quicker, meaning installers can achieve a first-class finish every time.



F. Ball floor levelling compounds provide bespoke solutions for a wide range of conditions to ensure an ultra-smooth, durable finish ready for the installation of the final floorcovering.

FLOORING LEVELLING COMPOUNDS

STOPGAP 1200 PRO



STOPGAP 700 SUPERFLEX



STOPGAP 600 BASE



STOPGAP 300 HD



IDEAL FOR MINIMAL PREPARATION

- ✓ Suitable direct to adhesive residues and carpet tile tackifier
- ✓ Walk-on hard from 60 minutes
- ✓ Application thickness from 2 – 10mm
- ✓ Fast setting
- ✓ Excellent self-smoothing properties

IDEAL FOR FLEXIBLE SUBFLOORS

- ✓ Fibre-reinforced for increased flexibility
- ✓ Fast drying technology
- ✓ Long working time
- ✓ Designed for use over steel and plywood
- ✓ Application thickness from 2-10mm
- ✓ Excellent self-levelling properties

IDEAL FOR RAISING FLOOR LEVELS

- ✓ Deep section compound
- ✓ Fast drying
- ✓ Thickness 5 – 50mm in one application
- ✓ Suitable for hand or pump application

IDEAL FOR HEAVY DUTY AREAS

- ✓ Fast setting
- ✓ Excellent self-levelling properties
- ✓ Application thickness from 2 – 20mm
- ✓ Water mix
- ✓ Suitable for hand or pump application
- ✓ High compressive strength



All of these products have been formulated in response to specific installer requirements and carry the prestigious International Maritime Organisation Wheel Mark.

MAKING THE RIGHT CHOICE

Every marine flooring project presents its own unique set of challenges.

That's why F. Ball continuously invests in research and development to create adhesives that meet the varied needs of flooring contractors; both in terms of the floorcovering required and the service environment.

Choosing the right adhesive for a job can significantly reduce installation time; a huge benefit for installers working to tight deadlines. It will also optimise the appearance of the floorcovering and increase its durability and longevity.



F. Ball has carefully selected specialist adhesives for the marine market that offer the breadth of range to suit almost every type of decorative floorcovering, type of bond required, service conditions and the demands of the environment.

FLOORING ADHESIVE PRODUCTS

STYCCOBOND F3



STYCCOBOND F40



STYCCOBOND F41



STYCCOBOND F44



IDEAL FOR TEXTILE FLOORCOVERINGS

- ✓ High strength
- ✓ Good wet grab
- ✓ Suitable for the installation of carpets
- ✓ Withstands wet cleaning

IDEAL FOR DUAL BOND SYSTEMS

- ✓ Provides a quick and peelable release option for carpet and underlay systems
- ✓ Solvent free
- ✓ Withstands wet cleaning

IDEAL FOR CARPET TILES

- ✓ Prevents loose-lay carpet tiles from moving
- ✓ Allows individual damaged or worn tiles to be quickly replaced
- ✓ Permanently tacky when dry

IDEAL FOR VINYL SHEET AND TILE

- ✓ Wet lay adhesive
- ✓ High bond strength
- ✓ Strong initial tack
- ✓ Long open time
- ✓ Withstands wet cleaning
- ✓ Solvent free



Each product is certified to meet the standards of the International Maritime Organisation assuring you of their suitability for use in marine floor applications.

FLOORING ADHESIVE PRODUCTS

STYCCOBOND F46



STYCCOBOND F49 HYBRID PS



STYCCOBOND F58 PLUS



STYCCOBOND F66



IDEAL FOR VINYL SHEET AND TILE

- ✓ True pressure sensitive properties
- ✓ Dries to a permanently tacky film
- ✓ Infinite open time
- ✓ Excellent plasticiser resistance
- ✓ Can be rolled to prevent 'grin-through'

IDEAL FOR EXTREME TEMPERATURES

- ✓ Pressure sensitive for the installation of vinyl floorcoverings
- ✓ Temperature tolerant - use in ambient temperatures from -20°C to +60°C
- ✓ High strength and high grab
- ✓ Rapid curing
- ✓ Water resistant
- ✓ Can also be used to install PVC backed skirting, coving and capping

IDEAL FOR VINYL/LVTS AND RUBBER

- ✓ Fibre-reinforced
- ✓ Fast drying
- ✓ Excellent grab
- ✓ Suitable as a wet-lay or pressure sensitive adhesive

IDEAL FOR CONTACT BONDING

- ✓ Solvent-free contact adhesive
- ✓ Suitable for use on vertical surfaces
- ✓ Good drying characteristics
- ✓ Can be used to install PVC and rubber edgings, covings, nosings and skirting



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STYCCOBOND F81



IDEAL FOR HEAVY DUTY AREAS

- ✓ Water resistant when cured
- ✓ Suitable for indoor and outdoor installations
- ✓ High bond strength
- ✓ Long open time



MARINE FLOORING INSTALLATION PRODUCTS



		STOPGAP FLOOR LEVELLING COMPOUNDS					
		STOPGAP 300 HD	STOPGAP 600 BASE	STOPGAP 700 SUPERFLEX	STOPGAP 1200 PRO		
		+ WATER	+ WATER	+ WATER	+ STOPGAP 1200 LIQUID		
TECHNICAL CHARACTERISTICS	Product features	Fast drying Self-levelling	Thick section Fast drying	Flexible Fibre-reinforced	Rapid drying Self-smoothing		
	Working time at 20°C	20 - 30 min	20 - 30 min	20 - 30 min	15 - 20 min		
	Approx time to foot traffic at 20°C	90 min	3 hrs	60 min	60 min		
	Approx time to cover with a floorcovering or seal	Absorbent	6 hrs	6 - 24 hrs ⁽¹⁾	3 hrs	4 hrs	
		Non-absorbent	12 hrs		4 hrs		
	Application thickness	Unfilled	Min	2 - 3 mm	5 mm	2 - 3 mm	2 - 3 mm
			Max	15 mm	50 mm	10 mm	10 mm
		Can be filled	Up to 20 mm	No	No	No	Up to 30 mm
	Suitable for biologically sensitive areas	Yes	Yes	Yes	Yes	Yes	
	Coverage at 3mm per bag	5m ²	2.8m ² @ 5mm	4.8m ²	5.0m ² @ 2-3mm		
	Suitable for high temperature areas for e.g. areas of high solar gain and sundecks	Yes	Yes	Yes	Yes		
	Compressive strength 28 day	35 N/mm ²	30 N/mm ²	30 N/mm ²	16 N/mm ²		
Flexural strength 28 day	8 N/mm ²	7 N/mm ²	10 N/mm ²	6 N/mm ²			
SUBFLOOR SUITABILITY + PRIMER RECOMMENDATION							
TYPE	Concrete, sand/cement screeds and other solid absorbent surfaces	Dilute P131	Dilute P131	Dilute P131	Apply direct or Dilute P131 ⁽²⁾		
	Non-absorbent surfaces e.g. ceramic tiles	Neat P141	Neat P141	N/A	Apply direct		
	Proprietary polymer modified cement based deck screeds	Dilute P131 or Neat P141	Dilute P131 or Neat P141	N/A	Apply direct or Dilute P131 ⁽²⁾		
	Minimal adhesive residues on epoxy deck screeds	Neat P131	Neat P131	N/A	Apply direct		
	Flooring grade aluminium	Neat P141	N/A	N/A	Apply direct		
	Steel (non-flexing, corrosion free and clean)	Neat P141	Neat P141	Neat P131	Apply direct		
	Plywood overlays	N/A	N/A	Dilute P131	N/A		

(1). STOPGAP 600 is designed to be used in conjunction with STOPGAP 300 AND 1200. Time to cover is therefore dependent on combination used.

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

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.

		STYCCOBOND ADHESIVES								
		F3	F40	F41	F44	F46	F49	F58 PLUS	F66	F81
TECHNICAL CHARACTERISTICS	GENERAL USE	Carpet adhesive for woven, rubber foam, secondary backed, needlepunch carpets and cork	Dual bond system for carpets and underlays	Tackifier adhesive for carpet tiles	Acrylic adhesive for vinyl sheet and tiles, PVC backed carpets	Pressure sensitive adhesive for vinyl floorcoverings	Temperature tolerant adhesive for vinyl floorcoverings	Fibre-reinforced adhesive for vinyl and rubber floorcoverings	Solvent-free contact adhesive for fixing to both vertical and horizontal surfaces	Epoxy flooring adhesive for securing a wide range of floorcoverings in both indoor and outdoor applications
	PRODUCT FEATURES	High strength Good wet grab Suitable for the installation of carpets	Provides a quick and peelable release option for carpet and underlay systems Solvent free	Prevents loose-lay carpet tiles from moving Permanently tacky when dry	Wet lay adhesive High bond strength Strong initial tack Long open time Solvent free	True pressure sensitive properties Infinite open time Excellent plasticiser resistance	Can be used in ambient temperature range from -20°C to +60°C High strength and high grab Rapid curing Water resistant	Fibre-reinforced Fast drying Excellent grab Suitable as a wet-lay or pressure sensitive adhesive	Solvent-free contact adhesive Good drying characteristics Suitable for use on vertical surfaces	Water resistant when cured Suitable for indoor and outdoor installations High bond strength Long open time
	COVERAGE	Up to 3m ² per litre	Up to 5.4m ² per litre	Between 8-22m ² per litre	Up to 4m ² per litre	Up to 5m ² per litre	Up to 6m ² per kg	Up to 6m ² per litre	Up to 5m ² per litre or 125 linear metres of 100mm wide coving per 5 litres	Up to 2m ² per kg
	OPEN TIME	Up to 15 minutes	Up to 40 minutes	Permanently tacky when dry	Up to 60 minutes	Permanently tacky when dry	3 hours pot life plus up to 4 hours open time	Up to 3 hours	Up to 7 hours	2 hours
	DRYING TIME	-	-	Approximately 30 minutes	-	Approximately 40 minutes	From 20 minutes	-	From 30 minutes	From 24 hours

All marine approved F. Ball adhesives are suitable for use over underfloor heating systems and can withstand wet cleaning.

Please consult individual product datasheets for full technical information. Available at www.f-ball.com



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