



Guide to Good Flooring

WALL TO WALL FLOORING TECHNOLOGY

2009



Bostik Ltd, Common Road, Stafford ST16 3EH
Tel: 01785 272727 Email: laybond.flooring@bostik.com www.laybond.com



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About Laybond

Laybond is a well established brand within the flooring industry with some 45 years of experience and knowledge of the market place. Following the company's acquisition by Bostik we now have the resource and support of their world-wide research and development, which gives us access to new raw materials and technologies which puts us in a great position to meet future requirements particularly in regard to ever tighter environmental standards and health and safety regulations. Laybond now has at its disposal dedicated manufacturing centres of excellence, such as a purpose built manufacturing site solely for the production of cementitious products. Two other sites are purpose built for adhesives split between solvented and water-based, solvent-free and MS. Dedicated teams ensure quality throughout all processes and the research and development teams have a real-world understanding of the flooring industry and the requirements for real-world solutions.

Under Bostik, our portfolio of products is now even more comprehensive with the entire flooring installation envelope covered.

Quality Assurance

The application of a quality management system, registered under BS EN ISO 9001:2000 is your guarantee of consistent product quality. Laybond were the first UK Flooring Products Manufacturer to achieve this and one of the first in the Construction Industry. This commitment to Quality and Health and Safety is a core value shared by Bostik, which has ensured that all systems and procedures are maintained to the highest standards. The quality management system is regularly reviewed with the aim of continuous improvement in quality performance and to ensure that we meet our customers' expectations.

Environmental Management

With the environment a key concern for the entire construction industry, Laybond works continuously on new products that will ensure installers can meet their environmental requirements now and as legislation becomes ever tighter, in the future. With the resources of Bostik who are registered to ISO I 400 I Environmental Management System, Laybond is now best placed to ensure its products and processes are continually developed with the aim of being safe to use and having minimal impact on the environment.

Research & Development

Bostik's Worldwide Research and Development Facility enables expertise from other countries to be pooled for mutual benefit to deliver innovative products for both the UK and Global market. Research and development within the UK consists of three laboratories in three locations, each specialising in specific areas. At Chester, the Research and Development Laboratory, specialises in all flooring materials including smoothing compounds, adhesives, membranes, ceramic tile adhesives and grouts. With high tech testing equipment and "real life" test areas the staff are able to develop and formulate products to meet not only the stringent technical requirements with regard to performance but also to offer the contractor a product that is fit for use in the UK and Ireland Flooring Market, which can often be very different to that found in continental Europe.

The wealth of experience within the Research and Development team is invaluable in assessing product capabilities and looking at future needs within the flooring market. Close contact with material suppliers facilitates the development of both existing and new products offering ever greater performance characteristics. Involvement on steering groups and committees ensures that Laybond and therefore Bostik are able to keep up to date with changing regulations ensuring our products are always up to the latest requirements.

Technical Representation & Support

Laybond is committed to improving industry standards and practices, and provides technical representation on a number of UK (BSI) and European (CEN) technical committees and working groups. We are also members of the Contract Flooring Association (CFA), British Adhesives and Sealants Association (BASA), Fibrebonded Carpet Manufacturers Association (FBCMA), National Institute of Carpet and Floorlayers (NICF) and Flooring Industry Training Association (FITA).

Training

Laybond has always placed training high on its list of priorities and with Bostik this commitment has been strengthened. The training extends to not only staff but also of customers using Bostik products. The Chester site has a dedicated training school for flooring. Based on the premise of education and understanding products rather than "hard sell" the training courses offered are highly informative. Dependant upon the customer's needs these can include I or 2 day training sessions including Subfloor Preparation, Adhesives, Spray Systems, Wood Flooring and Quickstrip Release Systems. There is always an opportunity for the customer to try the products themselves.

We also work in conjunction with several training colleges to give students an insight into the "real world" of flooring outside their classroom and employer. This includes attending the colleges and giving on site training seminars to the students forming an important part in their development as flooring contractors, contract managers or estimators.

Marine Adhesives



Tested in accordance with IMO standards, Laybond supplies a range of products and systems for use in the highly regulated marine environment. Complying with the Marine Equipment Directive (MED)/US Coast Guard USCG - EU MRA the products are approved for use from sea going vessels to off shore platforms and have been specified and used on a number of prestigious projects.

Flooring Technical Services

The Flooring Technical Services team is an important part of Bostik UK's technical department and is a key differentiator in the flooring sector. Offering friendly and helpful advice on the end of a phone the team has a vast experience of flooring installations and products use. Continual training ensures they are up to date with the latest developments within flooring to offer advice that takes into account new practices and products.

On-site technical services is also provided where necessary and all staff are trained and qualified holding as a minimum a CSCS regular visitors card for when attending site. The service can include moisture testing, site assessments for products suitability and also assistance when problems arise. Written specifications may also be offered.

Contact Flooring Technical Services on 01244 625020

Fax: 01244 682218

Email: laybond.flooring@bostik.com

Mob: 07740 278631 **Mob:** 07740 278652 **www.laybond.com**



Laybonds Range of Subfloor preparation materials incorporates a full range of surface DPMs, primers and smoothing compounds. Developed with the contractor in mind the products can be applied to a wide range of subfloors offering a solution to even the most problematic flooring situation.

Smoothing Compounds

To achieve a smooth and/or level surface before laying floor coverings it is necessary to select the most appropriate smoothing compound. The choice will depend upon the nature of the subfloor, whether any adhesive residues are present, how thick the compound needs to be applied, what materials are to be bonded and what type of trafficking the floor will be subjected to.

The following table offers guidance as to the most suitable product to use to meet your end requirements:

Technical Specifications

	ScreedMaster 2	ScreedMaster 2 Ultimate	ScreedMaster I	ScreedMaster Woodsmooth	ScreedMaster Gypsum		
Binder type	Cementitious	Cementitious	Cementitious	Cementitious	Calcium Sulphate		
Mixing liquid	Natural rubber latex	Synthetic rubber latex	Water	Water	Water		
Characteristics	Exceptional adhesion	Low odour, use under DPM	High strength, self levelling	Fibre reinforced, flexible	Cement free, exceptional flow		
Protein free	Ν	Y	Y	Y	Υ		
Pumpable	Ν	Ν	Y	Y	Υ		
Max application thickness	6mm	10mm	10mm	15mm	20mm		
Max thickness (bulked out)	up to 12mm	up to 20mm	up to 20mm	n/a	up to 20mm		

Curing and Drying Times (based on 3mm thickness at 20°C)

Walk on time	3 to 4 hrs	1.5 hrs	2 hrs	4 hrs	3 hrs
Loose lay floor coverings on absorbent subfloors	12 hrs	8 hrs	12 hrs	18 hrs	24 hrs
Bond floor coverings on absorbent subfloors	18 hrs	12 hrs	18 hrs	24 hrs	24 hrs
Bond floor coverings on non-absorbent subfloors	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs

Application DetailsKey: I Dilute universal 2 Neat universal 3 Dilute epoxy 4 Neat epoxy 5 *** Slurry coat

	,												
Substrates		Applica	bility and Primer S	election									
Concrete	I	I	I	1	1								
Sand/cement	I	I	I	1	1								
Anhydrite (CaSO ₄)	3	3	3	3	1								
Rigid metal (mezzanine)	2	2	n/a	2	n/a								
Glazed tiles (clean/degreased)	No primer reqd.	No primer reqd.	2, 4 (above 8mm)	2, 4 (above 8mm)	2								
Flooring grade mastic asphalt	2, 5	2, 5	2	2	2								
Screedmaster Sealdeck & One Coat DPM	2	2, 4 (above 8mm)	2, 4 (above 8mm)	2,4 (above 8mm)	n/a								
Mechanically fixed timber plywood/P5 chipboard	n/a	n/a	n/a	I	n/a								
Thin firmly bonded adhesive residue **	No primer reqd.	No primer reqd.	2	2	2								

NB. Maximum thickness on asphalt is 5mm. For applications above 5mm on metal please contact Flooring Technical Services.

*** Application by slurry coat: mix 1 part powder to 1 part liquid by volume. Mix and paint thinly onto surface. Allow to dry.

The above chart is for guidance purposes only and cannot cover all eventualities. Please refer to the product technical datasheet for full instructions or contact Flooring Technical Services for anything not covered above.

ScreedMaster Latex Mix Smoothing Compounds

Laybond now offer 2 latex smoothing compounds designed specifically for the challenges met by flooring contractors in the UK and Ireland Flooring Market. These include the longstanding traditional Screedmaster 2 and the recently introduced Screedmaster 2 Ultimate.

The benefits of latex smoothing compounds are that they come with a pre-gauged liquid (no need to find and measure out water on site) and are suitable for use over old adhesive residues* and difficult to bond to subfloors. This makes them ideal both for refurbishment and new build projects.



ScreedMaster 2

Screedmaster 2 powder consists of a blend of cement and specially graded aggregates

It is mixed with pre-gauged low ammonia natural rubber liquid to give a smoothing compound with exceptional adhesion properties able to be rubbed down the following day if required **Substrates:** Suitable for use over most substrates and adhesive residues.*

Apply by trowel
Excellent adhesion
Low odour

Not recommended:
Over existing floorcoverings
or moisture sensitive
adhesive residues

A two component latex smoothing compour

Application: Trowel applied **Coverage:** 5m² @ 3mm per

23kg Powder Ref: 11902 5L Liquid Ref: 11422

23kg + 5L



ScreedMaster 2 Ultimate

Screedmaster 2 Ultimate powder incorporates a blend of cements and aggregates combined with special additives

It is mixed with a protein free synthetic rubber latex to give a smoothing compound with minimal odour suitable for use in occupied areas

Its unique formulation enables it to also be used when pre-smoothing a floor prior to application of an epoxy surface DPM **Substrates:** Suitable for use over most substrates and adhesive residues*

Suitable for use in biologically sensitive areas

Apply by trowel

Protein and casein free

High compressive strength

Not recommended:

Extremely low odour

Over existing floorcoverings or moisture sensitive adhesive residues

A two component protein free latex smoothing compou

Application: Trowel applied

Coverage: 5 to 6m² @ 3mm per 23kg and 5L

23kg Powder Ref: | | 903 | **5L Liquid Code:** | | 4227



^{*}Adhesive residues must be in a thin and firmly bonded film and must not be sensitive to moisture.

ScreedMaster Water Mix Smoothing Compounds

Laybond now offer three water mix smoothing compounds designed to meet the needs of the flooring contractor where specific problems arise. With higher compressive strength than latex compounds the preparation of the subfloor is much more critical. The range includes Screedmaster I, Screedmaster Woodsmooth and Screedmaster Gypsum.

ScreedMaster I

- A blend of fine aggregate, cements and high quality polymers which, when mixed with water produces a superior quality high strength pumpable self-levelling compound
- Conforms to HTM 61 making it ideal for hospitals and similar large scale projects
- Not recommended over existing floor coverings or over soft smoothing compound residue

Substrates: With the appropriate primer can be used over most substrates. Including concrete, sand/cement, granolithic, terrazzo and ceramic tiles

Apply by trowel or pump Protein-free

Up to 10mm thickness

Can be bulked out up to 20mm thickness

A water-mix, self-levelling compound

Application: By trowel or by mortar screw pump

Coverage: 5.5m² @ 3mm per 25kg

25kg Powder Ref: 11906



ScreedMaster Woodsmooth

A cementitious self-levelling compound, fibre reinforced with a high polymer additive

High strength
Fibre reinforced

Excellent adhesion and flexibility

Low tension on curing 3-15mm thickness

May be applied from Imm

Excellent flow characteristics

Extremely low tension on curing

up to 20mm thickness

High strength

Application: Trowel applied

Coverage: 5.2m² @ 3mm

25kg Powder Ref: 119062



ScreedMaster Gypsum

A self-levelling, smoothing compound, based on gypsum.

Recommended for use on

Recommended for use on calcium sulphate screeds to provide a smooth, absorbent, level surface, ready to receive floor coverings Smoothing and levelling compound for calcium sulphate scree

Application: Trowel applied

Coverage: Approx 6m² @ 3mm

25kg Powder Ref: | 19000



Screedmaster
Woodsmooth, a fibre
re-inforced cementitious
smoothing compound
primarily designed for
mechanically secure
wooden substrates. The
flexible nature and high
quality polymer make it

also suitable for use on difficult substrates such as mezzanine, flooring grade mastic asphalt, ceramic and terrazzo and for problematic situations such as radiant underfloor heating mats in conjunction with the appropriate Screedmaster Primer.



Screedmaster
Gypsum, a non
cementitious pumpable
smoothing compound
within minimal tension on
curing. Ideal for use in
conjunction with calcium
sulphate screeds it offers
exceptional flow

characteristics making it very user friendly. Can also be pumped for large areas.

ScreedMaster Surface Membranes

The manner of building in the UK is such that a high proportion of buildings will have subfloors that are considered "wet" (above 75%RH) when the time comes to lay decorative floor coverings. Also, some older buildings may not be protected from subground moisture.

As a consequence there is often the need to apply a Surface Membrane to suppress the moisture and enable all the subsequent products (primer, smoothing compound, adhesive and floor covering) to perform correctly. Laybond offer two products for use as surface membranes, Screedmaster One Coat and Sealdeck.

Sealdeck

A two-part solvent-free, epoxy surface membrane

For suppressing moisture in sand/cement and power floated slabs. Primarily specified for floors that incorporate a base DPM

As a one coat up to 85% RH

As a two coat system up to 92% RH

Use over a variety of subfloors

Non Flammable

4.77kg Ref: | 1080 | / 1080 2

Coverage: 20m² per 4.77kg, per coat



ScreedMaster One Coat Membrane

A two-part, solvent-free epoxy compound to protect adhesives, floorcoverings and smoothing compounds from residual moisture in a power floated concrete slab or sand/cement screed, provided that a base DPM has been incorporated

Suitable up to 97% R.H

Only one coat required

Ideal for fast track & large projects

Suitable for concrete and well
compacted sand/cement screeds

Non Flammable

12.5kg Ref: |0803/10804

Coverage: up to 30m² **5kg Ref:** 108004

Coverage: up to 12m²



Sealdeck is a longstanding formulation used for over 20 years in the suppression of moisture. It is a 2 part epoxy resin system supplied in pre measured quantities of resin and hardener. Now coloured to identify completion of mixing it is applied by brush or roller. Generally a 2 coat system (coverage rate will depend on surface texture and moisture levels) it offers excellent adhesion properties and good moisture vapour resistance. Ideal for all floors where the suppression of moisture is required.

Screedmaster One Coat Membrane is a 2 part epoxy system supplied in pre measured exact quantities of hardener and resin. Mix and apply (by the appropriate notched trowel followed by pre-wetted roller) and allow to cure (6 to 12 hours under good site conditions). Coloured black it is easy to identify areas that have been covered.

The formulation incorporates special additives enabling a One coat system to give extremely good resistance to moisture vapour, up to 97%RH in the case of residual moisture in new builds. It can be used on all concrete subfloors and well compacted sand/cement screeds.

New Build Projects	%RH	Surface Membrane	Priming System	Smoothing Compounds					
Power floated concrete	<75	Not required	Dilute Universal	SM2, SM2 Ultimate, SM1, Woodsmooth					
(surface hardeners/additives removed)	75<85	One Coat Membrane or Sealdeck	Neat Universal	SM2, SM2 Ultimate, SM1, Woodsmooth					
	85<97	One Coat Membrane	Neat Universal	SM2, SM2 Ultimate, SM1, Woodsmooth					
Pan floated & tamped concrete Sand/cement screeds	<75	Not required	Dilute Universal	SM2, SM2 Ultimate, SM1, Woodsmooth					
	75<85	One Coat Membrane or Sealdeck	Neat Universal	SM2, SM2 Ultimate, SM1, Woodsmooth					
	85<97	One Coat Membrane or Sealdeck	Neat Universal	SM2, SM2 Ultimate, SM1, Woodsmooth					
Calcium sulphates	<75%RH	Not required	Dilute Epoxy	SM2, SM2 Ultimate, SM1, Woodsmooth					
	<75%RH	Not required	Dilute Universal	ScreedMaster Gypsum					
	>75%RH	Not recommended		Allow screed to dry to 75%RH					
All other subfloors	Contact Fl	ooring Technical Services							

Coverage rates for membranes will be dependant on absorbency of subfloor. Please refer to technical datasheets for full information. NOTE:Where subfloors are particularly rough or textured they may first be smoothed using ScreedMaster 2 Ultimate followed by the surface membrane. In this instance the smoothing compound used over the membrane must be either SM2 or SM2 Ultimate.

Refurbishment Projects	Covering	Surface Membrane	Priming System	Smoothing Compounds				
Floorcovering to be removed**	Linoleum	No membrane required	Not required	SM2, SM2 Ultimate				
	Vinyl, rubber		Neat Universal	SMI, Woodsmooth, Gypsum				
	Textile floor	Check for moisture levels	Not required	SM2, SM2 Ultimate				
	coverings		Neat Universal	SMI, Woodsmooth, Gypsum				
	QuickStrip	Not required	None	None, reapply QuickStrip				
Existing Subfloors	Quarry tiles/ terrazzo Ground Floor	Sealdeck (2 coats)	Neat Universal	SM2, SM2 Ultimate, SM1, Woodsmooth				
	Quarry tiles/	Not required	Degrease, abrade	SM2, SM2 Ultimate				
	terrazzo Upper Floor		Neat Universal	SM1, Woodsmooth, Gypsum				
	Asphalt	Not required	Slurry coat	SM2, SM2 Ultimate*				
	(flooring grade)		Neat Universal	SM1, Woodsmooth, Gypsum*				
Others	Wood, metal, pai	nted	Contact Flooring Technical Services					

ScreedMaster Primers

An often overlooked aspect in flooring is the need and indeed benefits of priming. Using the correct primer is as important as selecting the right smoothing compound, membrane and adhesive.

Primers will improve adhesion of smoothing compounds to the subfloor giving a more secure installation. Also they enable the smoothing compound to perform as designed to maximise the flow and giving the maximum strength development. Laybonds range of primers includes Screedmaster Universal and Screedmaster Epoxy Primer.

Universal Primer Multi-purpose primer and bonding agent A solvent-free, acrylic A bonding agent for **5L Ref:** 11830 dispersion primer non-porous surfaces Coverage: Diluted as a A primer for porous surfaces primer: 120-150m² per 5L For fast track installations Undiluted as a bonding agent: 75-100m² per 5L Excellent coverage rate

A 2 part water based epoxy primer for use as a primer/bonding agent for difficult substrates Excellent adhesion Compatible with all ScreedMaster products Extremely high bond strength For use on calcium sulphate screeds (when diluted) Non Flammable 6kg Ref: 11800/01 Coverage: 50-60m² per 6kg 100-150m² (when diluted)	ater dispersible primer
	SCREED E

ScreedMaster Ancillary Products

Rapid Repair Mortar		apid curing, patching compound for filling ho	les and cracks and for step repai
A rapid hardening cementitious compound with a high polymer content For use over screed, raw concrete floors and foundations	Sag resistant Low tension Quick curing for early trafficking No maximum thickness	Application: Trowel applied 5kg Powder Ref: 119130 Coverage: Approx 1.6kg Im ² @ Imm	

Fine Finish		Fast-setting and fast-drying cementitious fe	ather edge and patching compound
A cement-based patching and skim coating compound with very fine grain and high polymer content Will repair gouges, indents, and make good height transitions and thresholds	Fast setting, quick drying Needs no priming or additives Excellent skim coating properties Extremely smooth surface For a wide variety of substrates	Application: Trowel applied 4.75kg Powder Ref: 11914 Coverage: 22m ² per 4.75kg bag	SCHEEDHASTER

Rapid Repair Mortar is excellent for filling holes and cracks

Fine Finish is a fast setting and fast drying skim coating and and for internal step repairs. This fast curing, sag resistant, patching compound can be applied to any thickness. Rapid Repair Mortar has excellent 'slump' characteristics; if comparatively little water is used the resulting mix enables it to be used in vertical applications also, making it ideal for the levelling of steps and pedestals as well as larger, uneven areas of any thickness in screed, raw concrete floors and foundations.

patching compound Fine Finish does not require the use of a primer or any liquid additives. Fine finish is ideal where it is necessary to make height transistions especially at door threasholds where not changing floor height is critical. It is also ideal for skim coating absorbent surfaces or for repairing gouges or idents. Applied by trowel it can take the form of a true feather edge and can be applied up to 12.5mm in a single application.

Flooring Adhesives

The table below illustrates the appropriate adhesive for the most commonly found carpet backings.

The table below illustrates the ap		ate a	dhesiv	ve for	the n	nost (comm	nonly	found	l carp	et ba	cking	gs.																										
For the recommended adhesive for a sp manufacturer's floor covering, please see Flooring Adhesive Recommendations at back of this book.	e the					Needlepunch/fibrebonded	P												Vinyl composition tile		antistatic			tiles		pex	Polyester backed sheet	Polyester backed tiles						panels	Woodstrip/woodplank				
Key: P Permanent						/fibre	acke		ed					S	ked				sitic		antis		ing	<u> </u>		back	ckec	ckec					J.	ic p	00 v				
R Release				ac	_	unch	r P		back			ay	`	Ě	bac		eq		mpo	ect	<u>a</u>	eq	škirt	ssed	٤	sian	r ba	r ba			ked		lock	nosa	rip/				
V Vertical		pet	/en	onb	foan	dlep	onda		ary	×		Jer	erla	pet	men		back	O	00	She	duc	hion	ing/s	pre	olen	/hes	este	este	¥	ural	bac	рo	q pc	u pc	odst	per	ırnal	eral	
Product		Carpet	Woven	Actionbac	Gel foam	Z	Secondary backed	Felt	Unitary backed	Latex	PVC	Underlay	Underlay	Carpet Tiles	Bitumen backed	PVC	Gel backed	PVC	Viny	PVC Sheet	Conductive/	Cushioned	Coving/skirting	Hot pressed/LV	Linoleum	Jute/hessian backed	Poly	Poly	Cork	Natural	PVC backed	Wood	Wood block	Wood mosaic	×	Rubber	External	General	
L150 Broadloom Adhesive			P	P	P		P	P	P	P																													
L250 Carpet Tile Tackifer															PR	PR	P																						Spray
L350 Vinyl Sheet Adhesive													R							P																			•
LI5 Safety Fix																			P																				
L47 CV Carpet Adhesive	₩		P	P	P	P	P	P	P	P									P									P											
L48 Extra			P	P		P	P		P																	P	P			P									
L72 Multitack	₩		R	R			R		R				R		0	P	P		P	P		P		e	j					П								P	
L73 Multicryl			P	P			P		P										P	P		P		0				P			P								
L76 Conductite																					P																		
L77 Stickfast																			P	P		P																	
L78 High Temperature											P									P				P															
L79 Supertack															®	R	R																						
L80 Multibond Gold	₩		P	P	P		P	P	P	P									P	P		P																	
L90 Supergrip			0	P		P	P		P																ı	P	P	P											
Gripfill Contact Adhesive																							Pv							Pv	V							P	
Ероху 2000						P														P				P													P	P	Covering Adhesive
LI6 Wood Bond																																	•	P	P				ng Adl
L17 Wood Block																																	P						overi
L18 PU Wood Bond																																			P				Floor C
L19 MS Wood Bond																																	P	P	P				Ĭ

Flooring Adhesives

Laybond have an extensive range of adhesives available to the modern flooring contractor. Due to the vast array of floor coverings now available the range is continually growing and is suitable for the bonding of everything from carpet tiles to underlays, fibrebonded carpet to linoleum and vinyl sheet to LVT products.

The range includes solvent free products, pressure sensitive adhesives and sprayable (FREELANCE) adhesives along with the more traditional solvent based and epoxy products. Also included now is a well thought out Wood Flooring range for use with all types of wood flooring in all situations where wood may be bonded. Accompanied with the Gripfill product range there is now truly an adhesive for virtually any flooring application.

L15 Safety Fix

A non flammable, solvent-free bitumen rubber emulsion

For bonding thermoplastic tiles and semi-flexible vinyl tiles to BS EN 654 type B to most common substrates

Non flammable

Extreme moisture tolerance

Cost effective

Trowel notch: I.5mm x 5mm Non Flammable

Application:

5L Ref: |430|

I5L Ref: |430|2

Coverage: 15-18m² per 5L

Coverage: 45-55m² per I5L



Non flammable ATA flooring adhesive

L47 CV Carpet Adhesive 🛞

A light coloured synthetic rubber/resin emulsion

For bonding all common carpets (excluding PVC backed products)

Suitable for use in conjunction with the QuickStrip Carpet Release System

Application:

Trowel Notch: 2mm x 6mm Suitable for semi flexible vinyl tiles

Non Flammable

I5L Ref: 12705 **5L Ref:** 12704

Coverage: 45-55m² per I5L



High tack SBR adhesive

L48 Extra

A polymer reinforced resin/ alcohol adhesive designed to bond all types of linoleum, hessian and fibrebonded carpets as well as felt backed PVC and cork tiles (except PVC backed) to concrete, cementitious screeds, chipboard, hardboard, plywood

High shear strength Good initial suction

Excellent initial grab

Endorsed by major

manufacturers

Suitable for carpet, linoleum & cork

Easy release on uplift of floor covering

High tack

Long open time

when dry laid

including metals

Allows immediate trafficking

Bonds to impervious surfaces

Application:

Trowel Notch: 2mm x 6mm

Coverage: 40-50m² per I5L

Flammable

I5L Ref: 13206

5L Ref: 13205



Heavy duty gum spirit adhesive

L72 Multitack

and smoothing compounds

A solvent-free, non staining resin emulsion for bonding both smooth-backed PVC sheet and tile (to BS3261 types A & B) to most common substrates

Suitable as a tackifier for underlays including QuickStrip Underlay Release System

Application:

Trowel Notch: I.5mm x 5mm for coarse backs 2mm x 6mm

Non Flammable

I5L Ref: |450|

Coverage: Up to 75m² (trowel) 150m² (roller)



Pressure sensitive acrylic and tackifier adhesive

L73 Multicryl

An off white, non-staining, solvent free acrylic dispersion adhesive

A multi-purpose floor covering adhesive that will bond most floorcoverings to most common substrates High bond strength

High initial tack Good resistance to

plasticiser migration Recommended for bonding of carpets when using the QuickStrip Underlay Release System

Excellent bond strength

Ideal for sensitive applications

theatres, telephone exchanges

such as hospitals, operating

Good resistance to

plasticiser migration

Application:

Trowel notch 1.5mm x 5mm. (For embossed carpets 2mm

Non Flammable

I5L Ref: 14703

Coverage 45-55m² per I5L



Solvent free multi-purpose acrylic adhesive

L76 Conductite

A black, acrylic dispersion adhesive

For bonding conductive/ antistatic PVC floor coverings to most common substrates

Provides a conductive layer in its dry film

Application:

Trowel Notch: I.5mm x 5mm

Non Flammable

I5L Ref: |460|

Coverage: 45-55m² per I5L



Conductive acrylic adhesive for PVC

L77 Stickfast

A white, non-staining acrylic dispersion adhesive

For bonding PVC floorcoverings to most common substrates. Also suitable for some types of heavy duty wallcoverings

High tack excellent bond strength

Good resistance to plasticiser migration

Application:

Trowel Notch: I.5mm x 5mm for coarse backs 2mm x 6mm

Non Flammable

I5L Ref: 13504 **5L Ref:** 13503

Coverage: 45-55m² per I5L



High performance acrylic adhesive

L78 High Temperature

A white high temperature grade copolymer emulsion adhesive for bonding all PVC flooring materials including PVC backed carpets and hot press laminated vinyl tiles

Ideal for use in areas of high solar gain such as conservatories or glass fronted shops

Superior bond strength Rapid bond strength development

Especially suited for use with underfloor heating

High strength adhesive for PVC backed carpet and highly plasticised vinyls

Application: Trowel notch: 1.5mm x 5mm. (For embossed carpets 2mm x 6mm)

Non Flammable

I5L Ref: 13690

Coverage: 45-55m² per I5L

5L Ref: 13691

Coverage: 15-18m² per 5L



L79 Supertack

A solvent-free, non-staining polymer dispersion adhesive

For release bonding of carpet tiles backed with PVC, polypropylene, and bitumen with fibre backing to raised access floor panels and most

common substrates

Easy release

Facilitates the removal and replacement of carpet tiles without the need for more adhesive

Excellent coverage on access panels

Acrylic tackifier adhesive for carpet tiles

Non Flammable

Application: Roller Applied

25L Ref: 13603

I5L Ref: 13602 **5L Ref:** |360|

Coverage: 140 - 160m² per 15L





L80 Multibond Gold

An acrylic dispersion adhesive. It has an off-white appearance and minimal odour

High degree of dry film tack

Good coverage, cost effective Minimises the effects of

Suitable for bonding most carpets & vinyl products

plasticiser migration

Application:

Trowel Notch: I.5mm x 5mm

Non Flammable

15kg Ref: 14404 **5kg Ref:** 14403 2.5kg Ref: |4402

Ikg Ref: |440| Coverage: 40-50m² per 15kg



Multipurpose acrylic floorcovering adhesive

L90 Supergrip

A white polymer emulsion adhesive with minimal odour Excellent shear and peel bond strength

For bonding Linoleum and Fibrebonded/needlepunch carpets to most common substrates

Safe alternative to traditional gum spirit adhesives

and rubber to most common

For use on impervious substrates

substrates including steel

Application:

Trowel Notch: 2mm x 6mm

Non Flammable

15L Ref: 12150

Coverage: 45-55m² per I5L



Two component high strength epoxy adhesive

High strength carpet and linoleum adhesive

Epoxy 2000

An epoxy adhesive which is supplied as a 2 component unit in ready to mix quantities

It has excellent bond strength and can be used indoors and outdoors

Application: For bonding all types of floorcovering including vinyls

Trowel Notch: I.5mm x 5mm

Excellent bond strength

Non Flammable 2.5kg Ref: 129009 Coverage: 6-7.5m² per 2.5kg

Laybond Spray

A creamy white, high strength aerosol adhesive

For general use but particularly for bonding the perimeters of foam backed carpets and underfelts and

spot fixing carpet tiles

Can be used on most porous and non-porous substrates and over existing floorcoverings

PVC, ABS, SAN, PA, PC, PMMA,

wood, plaster, and cementitious

materials. It is also suitable for

assembly work and is ideal for

the rapid installation of carpet

gripper to most sub floors

460ml Ref: 13102



General purpose, high strength aerosol adhesive

Solvent free, moisture cure polyurethane adhesive

Rapidgrip

A solvent-free, moisture cure polyurethane adhesive

For bonding various materials such as high grade or uncoated steel, aluminium and non ferrous metals, as well as thermosetting plastics, GRP polyesters, rigid

Application: Extruder gun

Non Flammable

310ml Ref: 18499

Units: 12

Coverage: 30 – 40m of

carpet gripper

Wood Adhesives

Bonding of Wood Flooring has become very popular over the last decade. By adhering wood flooring it is possible to improve the wear characteristics and the comfort underfoot as well as improving acoustic properties.

The Laybond Range of wood flooring adhesives is a well thought out range of products suitable for all installations were wood flooring can be bonded. The range includes a traditional dipping grade bituminous adhesive ideal for wood block flooring, a solvent borne high strength resin adhesive for bonding wood to sound strong substrates and a highly flexible MS adhesive for all situations. Also to compliment the range is a gun applied PU adhesive where batten bonding of the wood flooring is all that is required.

L16 Wood Bond

A filled solution of synthetic polymer resins in a blend of solvents. Formulated to trowel consistency

For bonding of solid and engineered flooring to strong sound dry substrates

High strength

Flammable

15L Ref: | 1606 | **10L Ref:** | 1602

5L Ref: | 160 |

Coverage: Wood strip/ wood plank: up to max of 16m² per 10L using a B2 notched trowel

Wood block / parquet panels: 25m² per IOL using a trowel notch of 2mm x 6mm



Heavy duty rigid adhesive for surface bonding wood flooring

L17 Wood Block

A bitumen/rubber emulsion of dipping consistency

For bonding wood blocks of 12mm thickness and over to most common substrates

High strength adhesive Bonds new and reclaimed wood blocks

Bonds all wood including

Suitable for use with warm water

parquet, wood block &

underfloor heating systems

wood strip

Suitable for use with warm water underfloor heating systems

Non Flammable

15L Ref: 12102

Coverage: 12 to 18m² per 15L



Dipping grade adhesive for bonding wood blocks

L18 PU Wood Bond

A one-part moisture curing polyurethane adhesive

For batten bonding most types of timber flooring including engineered parquet, wood mosaic panels, wood laminate flooring and some solid wood, to most common substrates

Elastic Bond Suitable for uneven floors

Bonds most wood Compatible with underfloor heating

Non Flammable

600ml Sausage Ref: 11702

Coverage: Approx 1.5m² to 2.3m² per 600ml Sausage



A flexible adhesive for batten bonding wood flooring.

LI9 MS Wood Bond

A high performance, flexible, single component MS Polymer adhesive for bonding wood flooring

For bonding all types of wood flooring over most common substrates including asphalt

High strength, elastic bond Good initial grab Fast curing

Solvent Free

Bonds all wood Compatible with underfloor heating

High strength flexible adhesive for surface bonding wood flooring

Non Flammable 16kg Ref: 11703

Coverage: subject to application





FREELANCE spray system

Freelance Spray System

Freelance, Laybond's revolutionary spray system. The first completely cordless non-pressurised spray system for flooring adhesives.

Freelance Spray System

Fast - 7 times faster than trowelling adhesives

Easy - Set up in just 4 simple steps

Mobile - Completely self-contained and lightweight

Clean - Leakproof fastening means no spills or drips



Freelance Spray System

A precision engineered gear pump for the spray application of Freelance flooring adhesives

Powered by an electric drill (not included)

- I Lance with connecting hose
- I Adhesive carrier
- I Alternative nozzle. washer & retaining nut

Ref: |4|60



Freelance Adhesives

Freelance uses Laybond's water based, Solvent free, low odour adhesive range which has been specially formulated for the Freelance system.

The adhesives come in sealed, ready to use, easy disposal 10 litre packs featuring snap-on connections to prevent spillage or leaks

LI50 Broadloom Adhesive

A premium quality, high solids, latex based carpet adhesive

For use on the most common commercial carpets including: hessian back, actionbac and gel foam back over subfloors conforming to BS 5325 including concrete and wood substrates

10 Litres

I5L Ref: |4|6|

Coverage: 80 to 100m²

per unit



L250 Carpet Tile Tackifer Adhesive

An acrylic, latex based, pressure sensitive adhesive for carpet tiles

For interior installations of carpet tiles onto floors conforming to BS 5235 Allows repeated lifting and retacking of the carpet for access to the floor

10 Litres

I5L Ref: 14163

Coverage: 80 to 120m² per unit



L350 Vinyl Adhesive

A premium quality, high solids, acrylic adhesive for PVC floorcoverings

For bonding sheet PVC resilient floorcoverings and some types of PVC tiles including Vinyl Composition Tiles. For use over subfloors that conform to BS 8203, including those of concrete and wood substrates

10 Litres

Ref: 14163

Coverage: 80 to 120m² per unit



L100 Cleaning Solutions

A commercial grade, detergent system cleaner Use for cleaning the Freelance Spray System if it is not to be used for some time or when changing adhesives

10 Litres Ref: |4|64

Coverage: 50 to 75 washes per unit

FREELANCE

Freelance Adhesives

With just four simple steps, set-up couldn't be easier.



Step I

Fit the nozzle to the lance. Align nozzle and hose then pull the lance to close the valve.



Step 2

Attach the system to the adhesive.



Step 3

Put the adhesive in the carrier, pull the drawstring tight and shoulder the bag.



Step 4

Connect the drill to the system. Push the lance to open the valve.

Ancillary Adhesives & Sealants

Gripfill

The brand leading, one-part, gap filling adhesive

Gripfill gives excellent adhesion and bonding strength to most types of building materials

Suitable for almost any application inside and out

Easy to apply, bonds uneven surfaces without difficulty and eliminates drilling or damage problems

Application: Extruder gun

Flammable

350ml Ref: |860|

Coverage: 12m of a 6mm bead

310ml Ref: 18609

Coverage: 10.5m at a 6mm bead

Unit: 12 tubes per carton



Gripfill Contact Adhesive offers superior bonding performance with high shear strength and high initial grab

Ideal for bonding decorative laminates and is also suitable for many other applications and substrates including: rigid PVCs. cork, leather, uPVC sheets, wood, laminated plastics (eg Formica), rubber, metals, chipboard, hardboard, dense textiles, stone, concrete, cementitious screeds and smoothing compounds

Application: By fine notched trowel or brush

Flammable

5L round tin Ref: 040120

Units: 4



Gun-O-Prene

Solvent based gap filling adhesive

Fast setting, high performance synthetic rubber/resin adhesive for interior or exterior use

Bonds most porous and non-porous building surfaces, including decorative wall panels, timber battens, skirtings and dado rails, carpet gripper strips and stair nosings

Application: Extruder gun

Flammable

C30 Ref: 483354

Coverage: II metres of a

6mm bead

Unit: 12 tubes per carton



Safe 80

Solvent free contact adhesive

Can be used to bond most types of materials such as textiles, rubbers and plastic laminates to wood, plywood, chipboard etc

Ideal for skirting applications where solvented products cannot be used

Non-porous materials such as metals and painted surfaces may be bonded provided that the adhesive films are allowed to dry completely before the bond is made

Application: Brush, paint pad, roller or sponge

Non Flammable

5L Ref: 539006



Gripfill Max

A versatile high strength solvent free gap filling adhesive and sealant

Offers excellent initial grab and a high strength bond but also provides a flexible, water resistant seal

Gripfill Max is odourless and offers excellent adhesion to both non-porous and porous surfaces

Application: Extruder gun

Non Flammable

290ml Ref: 18653

Coverage: 10 metres of a 6mm bead

Unit: 12 tubes per carton



Gripfill Wood Adhesive

A fast bonding, waterproof wood adhesive. Conforming to BS EN 204 Category D3 and BS 4071

Suitable for joints in wood and laminate floors

Also suitable for interior and exterior applications, for joinery, furniture assembly, DIY and general household maintenance

Non Flammable

5L Ref: 040076 Units: 4

IL Ref: 040069

Units: 12

500ml Ref: 040052 Units: 12

250ml Ref: 040045

Units: 24



Gripfill 5 Minute PU

A single component, moisture curing adhesive developed to set hard in 5-10 minutes

Bonds wood, concrete aluminium, and plastics in both interior and exterior applications

Fast method to secure carpet gripper

Application: Extruder gun

Non Flammable

310ml Ref: 18652

carpet gripper

Coverage: 30m to 40m of

Unit: 12 tubes per carton



Evo-Stik Multipurpose Silicone

Cures to form a tough long-lasting seal

Contains a fungicide

Conforms to ISO 11600 20HM

Ideal for decorative edge sealing of floor coverings, jointing between tiles and baths, kitchen worktops and stainless steel sink-tops Excellent adhesion to nonporous surfaces such as glass, stainless steel and ceramics & plastic baths

Application: Extruder gun

Non Flammable **C20 White Ref:** 483439

C20 Clear Ref: 483422 **C20 Black Ref:** 070325

Coverage: 10.6 metres of a 6mm bead

Unit: 12 tubes per carton



QuickStrip Carpet Release Systems



Quickstrip Range

The Quickstrip Release Systems Range incorporates 3 specialist systems offering distinct advantages over traditional flooring applications. The systems include

Quickstrip Carpet Release

Quickstrip Vinyl Release and Quickstrip Underlay Release

All 3 are innovative systems designed to

- minimize disruption
- reduce shut down times
- reduce waste
- reduce overall costs when flooring replacements are being carried out

Advantages

Carpet and Vinyl systems: Using special adhesive and a release paper/film the floor covering can be uplifted leaving minimal damage to the subfloor. This process is straight forward and does not require the use of heavy, loud, stripping machines.

A further Quickstrip System can then be applied immediately without the need for any significant floor preparation and without the need to apply a smoothing compound. This minimises both disruption to the building and down time enabling the early use of the area again, whilst also reducing the overall cost of replacing a flooring system. This is ideal in areas such as airports, shopping outlets and function halls where it is essential to get the floor back in use as quickly as possible.

Underlay system With the

Quickstrip Underlay release system we have developed a unique underlay to be used in double stick carpet installations. Traditional underlays will be stripped off the floor when the carpet needs to be replaced, leaving residues and potential damage to the subfloor. This will then require preparation and possibly a smoothing compound prior to laying new underlay and carpet.

With the Quickstrip Underlay Release system the underlay will remain bonded to the subfloor when the initial carpet needs to be replaced. Removal of the carpet is easy and leaves the underlay intact.

Subsequently the underlay itself can easily be removed without damage to the floor and a further system applied without the need for a smoothing compound application.

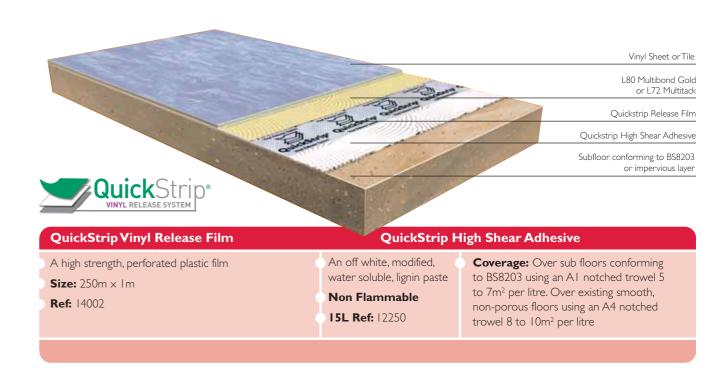
The Quickstrip Carpet Release System allows carpets to be fully bonded, yet enables their quick, easy and effective removal without ruining the subfloor. This permits new carpet to be installed immediately.

The system involves the application of Laybond 81 to the sub floor and then rolling Quickstrip Release Paper into it. This is followed by applying the recommended adhesive over the Release Paper and laying and rolling the carpet into it.



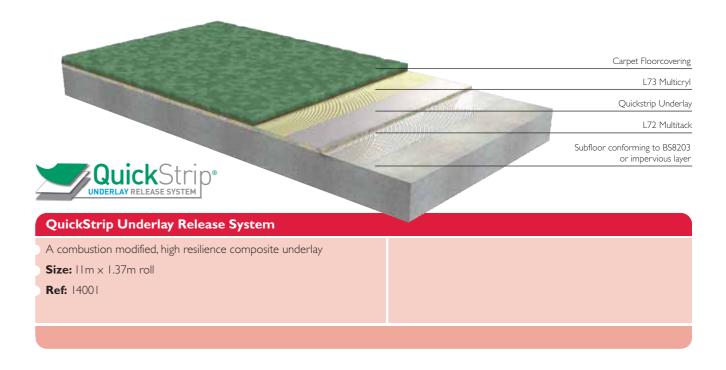
The Quickstrip Vinyl Release System enables vinyl floorcoverings to be fully bonded and subsequently peeled up without causing damage to the subfloor.

The system involves the application of Quickstrip High Shear Adhesive to the sub floor and then rolling the Quickstrip Release Film into it. This is followed by applying either L80 Multibond Gold or L72 Multitack over the Release Film and then laying either vinyl sheet or tile over the top.



The Quickstrip Underlay Release System allows underlay and carpet to be fully bonded but then enables quick and easy removal of carpet and re-use of underlay and ultimately easy removal of underlay without damaging the sub floor.

The system involves the application of L72 to the sub floor and then rolling the underlay into it. This is followed by applying L73 over the underlay and laying and rolling the carpet into it.



Flooring Tools

Tools

Laybond have used their extensive knowledge and experience of the flooring industry to create a concise range of tools to complement the high quality subfloor preparation products and flooring adhesives.

Subfloor Preparation Tools

Grinding Equipment

Grinding Machine

Heavy duty machine for grinding and brushing including holding device

For use on smoothing compounds or surface contaminants

Suitable for wet cleaning or polishing flexible vinyl and textile floor coverings

Full range of accessories and discs available

Technical Specification 230V • 1.7kW • 44kg

Max working width: 375mm

110 VOLT Ref: 51029

Vacuum Kit (optional) Ref: 51031 Please note: Vacuum kit sold separately

Grinding/Sanding Discs

Holding Device Grinding Disc

For use with grinding discs



Grained Grinding Disc

For localised abrasion of loose particles and contaminants

For smoothing rough and uneven surfaces Double sided

N.B. The lower the number after the 'K', the coarser the disc



Ref: 51016



Copper Carbide Grinding Disc

For grinding smoothing compounds and fillers and removing adhesive residues High grinding capacity Double sided

K16 Ref: 51078 **K24 Ref:** 51019



Grinding Block with Handle

For grinding and smoothing, compounds and fillers Punched structure for good grinding capacity

Ref: 55063



Uses of Grinding Discs

Rough cleaning and brushing of screeds and fillers	Grained Grinding Disc (abrasive level dependant on job)	
Removing slight dirt, such as: paint, mortar, felt or foam residues	Copper Carbide Grinding Disc K16	•
Removing heavy dirt such as: adhesive, foam or felt residues	Copper Carbide Grinding Disc K16	•
Removing sintered layer of new Anhydrite screed	Grained Grinding Disc (abrasive level dependent on job) Carbide Grinding Disc (abrasive level dependant on job)	
Sanding and levelling	Grained Grinding Discs K40 - 60	
Rough grinding, roughening and removing unevenness	Copper Carbide Grinding Disc K24	•
Sanding parquet and cork Sanding and roughening wood	Grained Grinding Disc K60 Grained Grinding Disc K60	
Sanding parquet varnish	Grained Grinding Disc K60	•

Moisture Testing Equipment

Hygrometer

For the measurement of residual moisture in subfloors

Ref: 51300

Protimeter Hygromaster C/W One Probe

Suitable for measuring the moisture content of most subfloors

Technical Specification: Weight, including batteries: 150g Dimensions: 180x28x49 Batteries: 2x(AA)

Ref: 51301

Protimeter Mini

Suitable for measuring the moisture content of most subfloors

Technical Specification Weight, including batteries: 150g Dimensions: 180x28x49 Batteries: 2x(AA)

Ref: 51306

Hygrostick Probes without Calibration Humidity Sleeves

Ref: 51303

Ref: 51302

Interchangeable and replaceable humidity and temperature sensors Pack of five

Extension lead for ease of use

Humidity sleeves are suitable for use when taking ERH (equilibrium relative humidity) readings in solid floors and walls **Ref:** 51304

Hygrostick Extension

This box complies with the requirements given in BS8203, BS8201 and BS5325

Humidity Box

Ref: 51305

Stirring and Aeration Equipment

Lightweight Mixing Paddle

Lightweight mixing paddle

Ref: 55073



Heavy Duty Mixing Paddle

Heavy duty mixing paddle MR2-110B

Ref: 55072



Spiked Roller Handle Ref: 55201

No handle, to aid flow and aerate smoothing compounds **Ref:** 55202

10" Spiked Roller

No handle **Ref:** 55203



Spiked Shoes

Spiked Shoes

Ref: 55204



Installation of Textile Floor Coverings

Shears **Carpet Gripper Shears Ref:** 55033 Vinyl covered handles with safety lock

Heat Bond Seaming		
Hot Melt Adhesive Slugs - 5kg		
	Ref: 54025	

General Accessories

Accessories

Ref: 55061

Heavy Duty Knee Pads

Stapling Hammer Tacker **Ref:** 56001 A compact, heavy duty hammer tacker. Lightweight with precision balance to offer maximum driving force with minimum effort Steel construction with easy grip handle. Capacity of 140 staples

Knives			
Lino & Tucking Knife			
		Ref: 55016	
Dolphin Knife			· ·
No blades supplied		Ref: 55001	
Straight Blades			
Stanley Type - Heavy Duty 0.5mm	Pack of 100	Ref: 55008	
Hooked Blades		Concave Blades	
Heavy Duty 0.6mm Pack of 100 Ref: 55009		Pack of 100 Ref: 55011	

Flooring Trowels			
Adhesive Trowel Handle		Ref: 53006	
Trowel Blade I.5 x 5mm	For standard adhesive application	Ref: 53004	
Trowel Blade 2 x 6mm	For floor coverings with deep profiled backings	Ref: 53005	
Screeding Trowel			
Screeding Trowel	For smoothing compounds	Ref: 53002	

Installation of Lino & PVC Floor Coverings

and underlayments

PVC & Lino Roller 70kg			/
A steel roller that adapts to any floor covering. Suitable for bedding floor coverings into adhesive	Total width 38cm 3 rollers protected against rust Easily transportable	Ref: 55065	

PVC Welding Kit			
A complete PVC welding set, including a Leister Triac S hot air gun and welding accessories. Supplied in a metal carrying case. (All accessories may be purchased separately)	Rapid welding nozzle Quarter moon knife Quarter moon knife guide Grooving tool with guide Pressure roller Wire brush	Metal carrying case 230 Volt Ref: 52010 110 Volt Ref: 52011	
Leister Triac S (Hot Air Gu	ın)		
Hand operated hot air gun with electronic control and cooled protection tube	Power consumption: I600 W Heating element: I.55 kW Temperature: 20-700°C Weight: I.3kg with 3m cable	230 Volt Ref: 52008 110 Volt Ref: 52009	
Rapid Welding Nozzle		Acorn Nozzle	
Ref: 52014		Ref: 52007	4