

touchstone

Product Descriptions

Revision 02/02/07

touchstone floors ltd

Unit 6, Scrooby Lane
Barbot Hall Industrial Estate
Parkgate, Rotherham, S62 6NX
Tel 01709 382513 Facsimile 382456
E-Mail: touchstone.floors@virgin.net

TOUCHSTONE BINDING RESINS

STI EPOXY RESIN

A specially developed solvent free epoxy resin and amine hardener system. With a low viscosity this resin/ hardener mix is suitable as a binding resin for **stone and sand screeds** and can be used for priming rough or absorbent surfaces. This system has a very long working time of 40-50 mins approximately at the height of summer whilst still achieving a hardness suitable for applying top coats the following day. Additional advantages of this resin include its use for machine laying. This particular resin also has high adhesive qualities enabling the resin to be used in coving applications without the need for specially thickend mixes. Furthermore it is user friendly and significantly reduces the risks of allergic reactions. It also imparts a gloss finish to stone screeds which is particularly important where marble is used. (S) prefix summer hardener or (W) prefix winter hardener.

A270/ A300 AMINE HARDENERS

Suitable as an A component for ST1 resins only. Both these hardeners exhibit vast improvements in resistance to UV which has been a common fault with epoxy systems. Furthermore these hardeners impart a flexibility to the system seldom found in amine hardeners. Although these hardeners appear more expensive per kg they do actually work out more economical because of the low mix ratios i.e. 1000grams of resin : 300 grams of A300 hardener which is a 40% saving on the hardener for stone and even more savings on sand screeds. Hardeners are always the most expensive component of any epoxy system. The lower viscosity of these hardeners enables easier and faster laying. As the viscosity of each hardener is different we recommend the following:

Stone Carpet	A300 Hardener
Sand Screeds	A270 Hardener

Kits can be supplied to increase the strength of sand screeds on request we would recommend at least 12% for light commercial, 15% heavy commercial/light industrial and 17% Heavy industrial.

BINDING RESIN SF EPOXY AND HARDENER A420

A solvent free epoxy resin and amine hardener system. With a medium viscosity (1000mps) this resin/ hardener is suitable as a binding resin **for stone and sand screeds**. This system can also be used for priming rough or very absorbent surfaces prior to the application of all our screeds. This system has a working time of 20 mins approximately at the height of summer whilst still achieving a hardness suitable for applying top coats the following day.

Kits can be supplied to increase the strength of sand screeds on request we would recommend at least 12% for light commercial, 15% heavy commercial/light industrial and 17% Heavy industrial.

BINDING RESIN UV RESISTANT POLYURETHANE

A UV stable polyurethane binding resin suitable for external stone carpets and internally where strong UV is present. This binder makes an extremely flexible screed.

BINDING RESIN (VERTICAL SURFACES)

This single component resin is suitable as a primer and binding resin **for stone carpet screeds**. It enables the screed to be applied to walls without sagging. Use is **3.75kg to 25kg 2-3mm aggregate**.

TOUCHSTONE FILLER AND TOP COATS

TOUCHSTONE FILLERCOAT ONE

Touchstone filler coat systems are designed for quartz **stone carpets** in the following stone sizes 1-3mm, 2-3mm and 3-4mm (It is also possible to fill 4-6mm if the humidity is low and temperature above 20°C). Fillercoat 1 has a low viscosity and is applied with a soft rubber squeegee. This specially developed filler coat is very water resistant but not water proof. If water is allowed to stand on the cured top coat eventually it will turn milky but once allowed to dry again the milkyness should disappear. Although this filler coat should dry clear and hard in 24 hours full cure and water resistance does not take place for around 5 days depending on humidity and temperature. Damp rising from under the stone carpet will cause continual milkyness. This product is not suitable for external work. **Useage is 500 grams per sq mtr 1-2mm stone, 750 grams per sq mtr 2-3mm stone, 900grams per sq mtr 3-4mm stone.**

TOUCHSTONE FILLERCOAT TWO

A thicker more viscous version of filler 1 which gives a less textured finish being somewhat easier to clean. Application requires more attention. Price as above.

TOUCHSTONE TOPCOAT PU

Suitable for Touchstone **stone carpets**. Ideally use this polish once the floor has been filler coated and has dried. 10-15% water can be added to the PU polish as required. PU polish is light resistant and is also suitable as a thin protection coat for open structured quartz stone floors without a filler coat. **Use is 100 – 125 grams per square metre.**

TOUCHSTONE TOPCOAT E

Touchstone top coat E is a solvent free thixotropic resin. It is suitable for **top coating sand screeds**. Using two, wet on wet, coats squeegee and roll applied (polyester roller) in the same day. The result is a smooth, hammered effect top coat. The amine hardener is specially developed to resist water spotting at an early curing stage and to enable application of the second coat after 1.5 - 2 hours. See our Matt coating which gives the perfect flat slip resistant finish. **Use is 400 – 500 grams per square metre depending on the seive size of sand used**

TOUCHSTONE PRIMERS

TOUCHSTONE PRIMER (S)

Touchstone primer (S) is a waterbased epoxy dispersion which has a mixing ratio of 1:1 resin and hardener. Once mixed water can be added to this upto 150% depending on porosity of substrate etc. It is ideal as a primer for all screed floors and also self smoothing systems. As it can be applied thinly it is ideal for laying screeds wet on wet. Extra porous substrates may require two coats. This primer is also available in fast cure, Primer (F), prices on request.

TOUCHSTONE ETCH PRIMER

Touchstone etch primer is an epoxy dispersion in water. It is supplied with both componets A & B in the ratio of 1:1. It is very concentrated and can be diluted using between 50 – 100% water . This type of etch primer is suitable for most smooth/gloss substrates for example ceramic tiles, epoxy or polyurethane, steel etc. This product has a medium resistance to uv.

TOUCHSTONE FLEXIBLE PRIMER

This touchstone high viscosity (thickened) acrylic membrane has been specially developed for preparing wooden floors for epoxy stone carpets and sand screeds. This substrate preparation will as far as possible eliminate the possibility of cracking in the topping. Apply in two coats. **Use 1kg per square metre minimum.**

TOUCHSTONE UNIVERSAL PRIMER

This very economic single component primer is suitable where fast drying is important it is possible to dilute this product with water where necessary . It has a long shelf life in airtight containers and is low odour. This primer is suitable for areas receiving foot traffic such as domestic and light commercial floors. It should not be used where the substrate has a high relative humidity or with a floor that is likely to be continually wet.

TOUCHSTONE COATINGS

TOUCHSTONE HIGH BUID EPOXY COATING 550

Touchstone epoxy coatings are solvent free and are suitable for thin, roll applied applications for floors (use V type for walls). These coatings have very good flow qualities. This product, as with all Touchstone coatings and self smoothing products has exceptional de-aeration properties. These prices only apply to our standard range of colours which are listed in our sample cases and in the following Ral list. All other Ral colours will attract an extra cost due to higher pigment costs. **Apply at 250 – 100 grams per sq metre.**

TOUCHSTONE COATING GW/V

Touchstone GW/V coating is a water based epoxy dispersion in two components. It is available in our standard range of colours (see sample case) or any other Ral colour at extra cost. It is easy to apply with a roller or spray gun. This product has outstanding adhesive qualities even on the smoothest substrates. It has exceptional resistance to scratching and is easy to clean. This product can be diluted with up to 20% potable water which should be taken into account when pricing this product. These prices only apply to our standard range of colours which are listed in our sample cases and in the following Ral list. All other Ral colours will attract an extra cost due to higher pigment costs. **Use is minimum 100 grams per square metre. Maximum 2 coats of 200 grams per sq metre per day**

TOUCHSTONE EPOXY MATT COATING

This Touchstone matt coat is a water based epoxy dispersion in two components. It is suitable for final coats on all touchstone coatings and self-smoothers and sand screeds. It is very low odour and has excellent flow properties. Roll stripes are virtually eliminated due to its excellent flow properties. This product can also be spray applied for a guaranteed even matt finish. This product has, as far as epoxies are concerned, a good resistance to UV yellowing. The price of the product is further reduced because it can be diluted with water by approximately 25%. This should be taken into account when pricing. A long working time of one hour ensures speedy application. The matt finish serves to create a very flat finish on uneven substrates where self smoothing coatings have been applied. Further more it provides a very effective means of camouflaging trowel marks in polymer screeds. **Use is on average 100-125 grams per square metre.**

TOUCHSTONE POLYURETHANE UV STABLE MATT COAT

This specially developed, two component, UV stable/blocking matt coat can be used internally and externally on virtually every polymer floor including cement and wood substrates. It has good resistance to scratching, wear and compared to other similar products exhibits little or no foaming on application. Flexibility is good making this product especially suitable for our PU soft touch poured vinyl floor range. Application is easy because of the long potlife and low viscosity. We would not recommend this product be specified where wet tyres are to be used. This product can be stored in airtight containers for upto 6 months. Use should be 100-125 grams per square metre

TOUCHSTONE EPOXY SELF- SMOOTHING COATINGS

TOUCHSTONE EPOXY SELF SMOOTHING COATING (THICK COAT)

Touchstone self smoother (previously known as a self-Leveller) is a three component solvent free epoxy system with resin, hardener and powder filler components. It is very easy to apply and has remarkable flow properties. So much so that it is possible to apply this self smoother without a pike roller in 95% of cases. However there are a number of exceptions. If the self-smoother is not releasing air of its own accord ie small air bubbles cannot be seen then, we would advise spike rolling. Further more if rake or trowel marks are not flowing away then it is advisable to spike roll. Always put a scrape layer on if the substrate is very absorbent or uneven. As with all chemical products the condition of the substrate and surrounding environmental factors must be taken into consideration at the time of application. Various broadcast mediums are available including anti-slip and decorative coloured flakes. Once flakes are broadcast during application the Touchstone matt coat can be used to complete an exceptionally decorative thin layer terrazzo effect. These prices only apply to our standard range of colours which are listed in our sample cases and in the following Ral list. All other Ral colours will attract an extra cost due to higher pigment costs. **Minimum use of this product is 3 kg per square metre.**

TOUCHSTONE EPOXY SELF – SMOOTHING COATING (SUPER HIGH BUILD)

This is generally solvent free and applied in two or more coats to give a final thickness of 0.3-1mm. These prices only apply to our standard range of colours which are listed in our sample cases and in the following Ral list. All other Ral colours will attract an extra cost due to higher pigment costs. **The usage is between 1kg – 3kg per square metre.** It is possible to apply this product thicker but it is not as economical as the Self smoothing thickcoat

POLYURETHANE UV STABLE COATINGS

TOUCHSTONE POLYURETHANE PU COLOUR COATING UV

Touchstone polyurethane colour coatings are totally UV stable . As with all Polyurethanes a good epoxy primer is recommended for adhesion and to prevent re-action with the substrate. This coating is available in a satin finish. Use this extremely durable coating as a paint to most substrates of apply to a non uv scratch coat in two coats to give a decorative and uv stable coloured finish. **The usage is between 100 – 200 grams per square metre per coat.**

POLYURETHANE SELF- SMOOTHING COATINGS (SL's)

Please note all Polyurethane coatings and self smoothers need a suitable primer before a scratch or body coat is applied. This gives the required adhesion and seals against any unfavourable reactions between the substrate and the coating. Touchstone is able to offer varying degrees of hardness to suit differing applications. We offer the following hardness ranges.

D60	Non UV	Polyurethane Self Smoother	Industrial / Heavy Commercial
D45	Non UV	Polyurethane Self Smoother	Light Commercial
D50	UV Stable	Polyurethane Self Smoother	Domestic / Sports Floors / Light Commercial

TOUCHSTONE PU SCRATCHCOAT NON UV RESISTANT

This versatile scratch coat is ideal as an underlayment for both our PU self smoothing ranges. It can also be used as a flexible membrane under sand or stone screeds. This product has a hardness equivalent to ? . For a economic finish in lighter use areas the Touchstone scratch coat can be applied at 3.5-4 kg/m² and finished with a UV resistant coloured coating see above.

TOUCHSTONE PU (INDUSTRIAL) SELF – SMOOTHING COATING NON UV RESISTANT

This hard scratch resistant self smoothing (sl) coating is ideal for industrial environments. It has been specially developed to withstand industrial loadings and is scratch and wear resistant. Touchstone Polyurethane coatings have a number of advantages over other PU and epoxy coatings offered by other manufacturers. Our self smoothing coatings do not require spike rolling thus saving both time and money. We are able to offer over 40 standard colours. Other well known advantages of polyurethane coatings include its ability to bridge cracking in the substrate and its superior wear resistance. **The usage is between 3.5kg – 4kg (2mm approx) per square metre.** Hardness D60 or D45

If high chemical resistance is required please request a quotation

TOUCHSTONE PU (SOFT TOUCH) SELF – SMOOTHING COATING UV RESISTANT

A Specially developed aliphatic polyurethane poured coating. Ideal for decorative poured finishes in commercial and domestic applications where colour integrity is of the utmost importance. Comprising of totally UV stable polyurethane resins and specially chosen pigments. The ultimate in UV stable self smoothers. This satin finish product has all the additional advantages over epoxy poured products including flexibility, better resistance to scratching and ease of cleaning. This material should have an epoxy primer at least. A further scratch coat primer of at least 1 kg /m² on absorbent on uneven surfaces is advisable. Use our etch primer to ensure perfect adhesion and finish .These prices only apply to our standard range of colours which are listed in our sample cases and in the following Ral list. All other Ral colours will attract an extra cost due to higher pigment costs **The usage is between 3.5kg – 4kg (2mm approx) per square metre.** Hardness D50

TOUCHSTONE SPECIAL PRODUCTS

TOUCHSTONE THIXOTROPIC EPOXY RESIN

This Touchstone thickened epoxy resin is suitable, with the appropriate B component hardener, for priming vertical coved skirtings and as a binding resin for coved skirtings. It can also be used with the appropriate hardener and filling material as a fine filler for cracks etc. It can be made more or less flexible as required.

TOUCHSTONE HARDSURFACE CLEANER

A specially developed cleaning solution for epoxy and polyurethane polymer safety floors. This cleaner is also suitable for all hard surfaces: Floors, Walls, Doors, Desks, Kitchen surfaces, Washbasins and Baths. It is safe on plastics, aluminium, stainless steel, painted and varnished surfaces. See cleaning schedule for appropriate application

TOUCHSTONE MAINTENANCE POLISH

A polish specially developed for Touchstone stone carpets that have been top coated with our Filler coat 1. This polish can also be used to give an existing stone carpet that 'as new' look.

TOUCHSTONE POLYURETHANE UV STABLE MATT COAT

This specially developed, two component, UV stable/blocking matt coat can be used internally and externally on virtually every polymer floor including cement and wood substrates. It has good resistance to scratching, wear and compared to other similar products exhibits little or no foaming on application. Flexibility is good making this product especially suitable for our PU soft touch poured vinyl floor range. Application is easy because of the long potlife and low viscosity. We would not recommend this product be specified where wet tyres are to be used. This product can be stored in airtight containers for up to 6 months. Use should be 100-125 grams per square metre

TOUCHSTONE COLOURED PVA FLAKES

Suitable for broadcasting on Touchstone epoxy binding resins or using to broadcast for decorative effect on coatings and self-smoothing coatings. We stock the 3mm size in 30 colours see our colour swatch. We can also supply 1mm sized flakes to order (20 kg minimum order) same prices apply. There are 150 colours in this range all of which can be supplied to order with seven days notice.
Coverage 0.5kg / sq metre approx

TOUCHSTONE CONCRETE REPAIR KIT

Touchstone concrete repair kits are high strength natural colored epoxy kits. The A270 (F) hardener used is a fast hardener which would cure hard in about 4 hours whilst still allowing sufficient trowelling (open) time. Included are enough binding resins in the kit for the customer to prime the hole to be repaired before applying the repair sand. We would approximate that each kit would repair half a square metre at 9 - 10 mm deep or 1.25 m² at 5-6mm deep. If the repairs are shallow an additional resin only kit may be needed to prime. Instructions are available for DIY use. Available in 12 or 30 kg Kits

CONSUMABLES

	Size	£ Price Kg / Item / metre	Minimum Order
Hand held Power Mixer (c/w Paddle)1400 watt			
Mixing Paddle for above	50 kg		
Power Float machine with blades			
Single phase electric			
Petrol engine			
Squeegees	13 inch		
Buckets(no Lid)	20 litre		
	5 litre		
	3 litre		
Spiked shoe			
Paddle Mixer (Single Phase)			
75 kg mix capacity, weighs 90 kg			
Rubber Replacement Blades	Pair		
Mixing Tubs Black	65 litre		
	90 litre		
White			
Economy black plastic mixing tub	10 lt approx		
Knee Pads Professional rubber	pair		
Made up resin/hardener measuring tins	each		
Sample presentation cases, sand,stone or			
Self levellers	each		
Sample case for Marble	each		
Empty black case boards	each		
Fibre glass mat (crack bridging)	15 cm wide		10mt (Full rolls 50m)
Floor Scraper (very heavy duty)	30 cm		
Self levelling combs/Pin rakes	56 cm		
RAL Colour charts K1			
Anti-Foam	0.25kg		
	2.0kg		
	25kg		
Tool Cleaner:			
for uncured epoxies			5
			25
for cured epoxies			5
			25
<u>Roller Refills Premium Quality</u>			
Polyester Medium Pile	9" x 1.75"		6
Polyester Medium Pile Double arm	12" x 1.75"		6
			60
Synthetic Medium pile	4"		10
Polyester Medium Pile Double arm	60cm (24")		1
			10
Roller Holder	60cm (24")		1
Paint Brush White Bristle	2 inch		12
<u>Gloves</u>			
8oz Cotton Drill	pair		12
			312
			936
Rigger economy	pair		12
			120
Gauntlet Red PVC	pair		12
			120
			600
Surgical (non sterile PVC)	100 pair box		1 box
			10 box
			20 box
<u>Edge Stop Bead</u>			
Aluminium 8mm x 22mm	2.5 metres		1-9 Lengths
			10 Lengths +
Aluminium Flexible 8mm x 22mm	2.5 metres		1-9 Lengths
			10 Lengths +
Pink Grip for fixing beads	350ml tube		

01709 382513 – Call us for the latest prices – 01709 382513

Wide range of other edging beads and movement joints in different materials and sizes are available on request

Display Stands	6 Boards		
Plastic Sample dishes 90mm x 70	MA8		ea
			200
			400
160mm x 110	MA6		10
	100 off		50
	200 off		100
225mm x 175	MA5		ea
	100 off		ea
310 x 225	1 off		ea
	50		ea
	100		ea
<u>Trowels Steel</u>			
Polymer screeding trowel (light weight)	450x80mm		
	600x80mm		
Bull nose	280mm long		
	320mm		
Coving trowel	200mm long		
Other sizes and Stainless steel trowels available on request			
Small mixing Paddles (S/Line type)			
Large Mixing Paddles (S/Line type)			

Call us for the latest prices
- 01709382513

STANDARD RAL COLOURS

The following colours are our standard Ral colours:

1000	5003	6002	7000	8000
1001	5004	6003	7001	8001
1002	5005	6011	7002	8002
1003	5007	6013	7003	8025
1008	5008	6019	7004	
1009	5009	6020	7005	
1010	5010	6021	7006	9001
1011	5011	6026	7008	9002
1013	5012	6027	7009	9010
1014	5015	6028	7010	
1015	5017	6033	7013	
1019	5018	6034	7015	
1022	5020		7021	
1024	5024		7022	
1027			7023	
			7024	
			7026	
			7030	
			7032	
			7033	
			7035	
			7038	
			7040	
			7042	

SEE RAL CHARTS FOR COLOURS

SEE RAL CHARTS FOR COLOURS OR http://www.themeter.net/ral_e.htm?Submit=RAL+colour

Laid samples

Pre laid samples in Fine Quartz, unfilled Quartzstone and Marble

MA8	Plastic dish	80x60mm
MA6	Plastic dish	110x160mm
MA4	Plastic dish	310x225mm
MB6	Plastic dish	165x132mm
MA30	Aluminium	300x300mm
MA40	Aluminium	400x400mm

Call us for the
 latest prices –
 01709 382513 –
 Call us for the
 latest prices –
 01709 382513

FeFRA Type	FeFRA Description	Touchstone Equivalent	Touchstone Components
1	Floor Seal	Matt Coat GWV Coating	See Product Description
2	Floor Coating	550 GWV Coating	See Product Description
3	High Build Floor Coating	Self Smooth Thin Coat	Primer Self Smooth Thin Coat Optional: Coloured Flake and/or Matt Coat
4	Multi-Layer Flooring	Under Development	
5	Flow Applied Flooring	Self Smooth Thick Coat	Primer Self Smooth Thick Coat Optional: Coloured Flake and/or Matt Coat
6	Screed Flooring	Fine Quartz	Primer Binding Resin @ 12-15% to Aggregate Coloured Sand (Optional: Filler Sand) Topcoat E Optional: Matt Coat
8	Heavy Duty Screed Flooring	Fine Quartz	Primer Binding Resin @ 17% to Aggregate Coloured Sand (Optional: Filler Sand) Topcoat E Optional: Matt Coat
No Known Equivalent		Quartz Stone	Primer Binding Resin/Hard Coloured Stone Optional: Filler Coat PU Polish