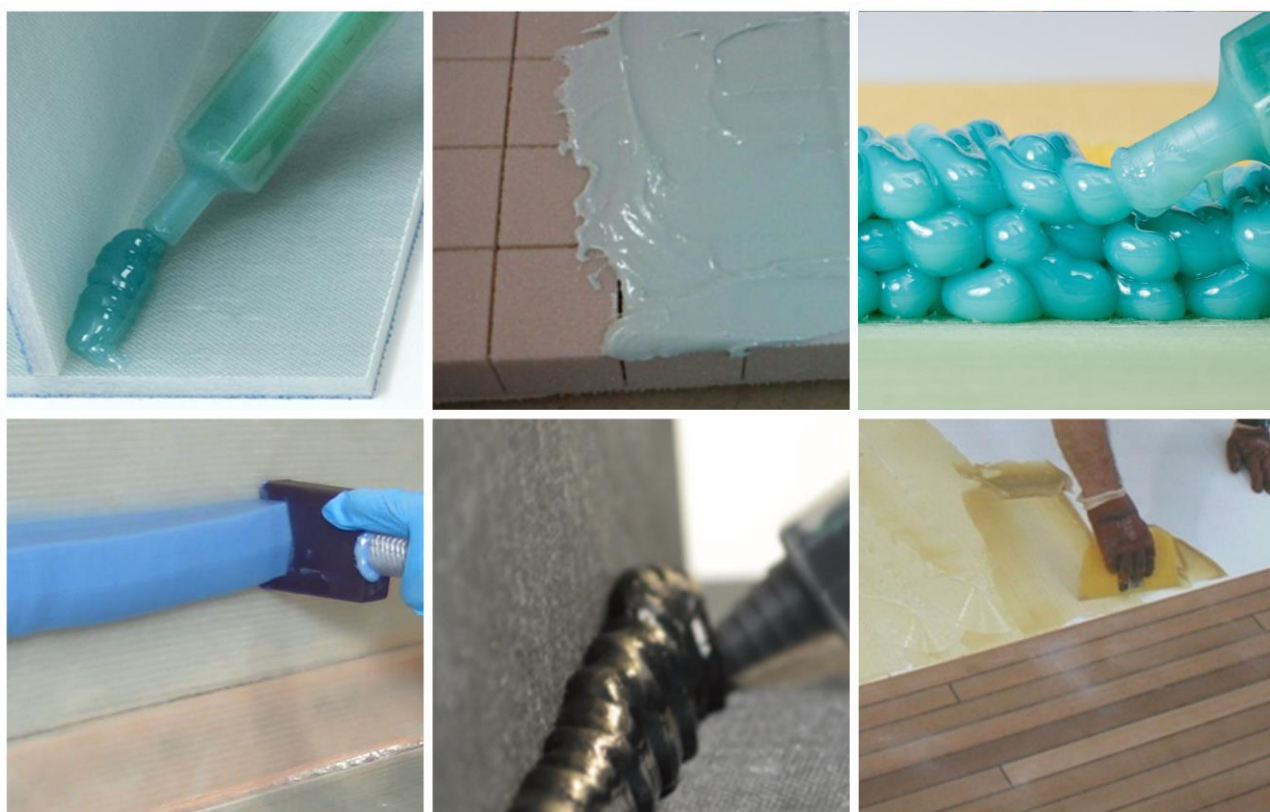


# SPABOND™ SYSTEMS




























## STRUCTURAL EPOXY ADHESIVE RANGE

Spabond™ adhesives offer outstanding performance in high-stress, high-load applications for Marine, Wind Energy and Civil Engineering applications.

- **Spabond™ 400 Series:** structural, high dynamic load applications
- **Spabond™ 500 Series:** specialist substrate and applications
- **Spabond™ 700 Series:** rapid structural adhesives
- **Spabond™ 800 Series:** structural, fast curing for wind blade production



## SPABOND™ SYSTEMS PRODUCT SELECTOR

SYSTEM PROPERTIES AT 20°C		HARDENER	CURED COLOUR	MIX RATIO	WORKING TIME*	CLAMP TIME*	MAX GAP FILLING*	MAX TEMP	TECHNICAL DATASHEET
400 Series	<b>Spabond™ 435</b> Ideal for thin bondlines such as core bonding, large surface areas and detailed work.	Fast		3:1 (by volume)	½ hour	4 hrs	5 – 10 mm	81°C	 <a href="#">Download PDF</a>
		Slow			3 ½ hrs	<16 hrs			
	<b>Spabond™ 440</b> Optimised for rapid dispense from cartridges or automated mixing machines.	Fast			½ hour	4 hrs	10 – 20 mm	84°C	
		Slow			3 ¼ hrs	<16 hrs			
	<b>Spabond™ 445</b> For large gap filling & filleting applications as well as high performance projects, with a black resin option available	Fast			½ hour	4 hrs	20 – 30 mm	87°C	
		Slow			3 ½ hrs	<16 hrs			
<b>Spabond™ 400FR</b> Structural fire retardant epoxy adhesive.	Fast		½ hour	2 ½ hrs	10 – 20 mm	90°C			
500 Series	<b>Spabond™ 5 Minute</b> Tacking and secondary bonding.			1:1 (by volume)	5 mins	20 mins	10 - 15mm	55°C	 <a href="#">Download (PDF)</a>
	<b>Spabond™ 540</b> High elongation, long bonding times. Low viscosity resin option for easier application in cartridges.	Standard		1:1 (by volume)	2 hrs	15 hrs	20 – 30mm	58°C	 <a href="#">Download (PDF)</a>
		Slow			4 hrs	25 hrs		52°C	
		Extra Slow			6 ½ hrs	tbc		58°C	
	<b>Spabond™ 545</b> Bonds multiple substrates found in general applications.	Fast		2:1 (by volume)	25 mins	5 hrs	0.2 - 20mm	63°C	 <a href="#">Download (PDF)</a>
		Slow			90 mins	10 hrs		61°C	
<b>Spabond™ 568</b> Low density core bonding adhesive.			2:1 (by volume)	5 ½ hrs	24 hrs	10mm	65°C	 <a href="#">Download (PDF)</a>	
<b>Spabond™ 570</b> Bonds all woods. Easy mixing/smooth spreading, can be used with automated mixing machines.			1:1 (by volume)	1 ½ hrs	-	10 -20mm	55°C	 <a href="#">Download (PDF)</a>	
700 Series	<b>Spabond™ 730</b> High strength, rapid curing. General purpose adhesive.			1:1 (by volume)	10 mins	1 hr	10 - 15mm	60°C	 <a href="#">Download (PDF)</a>
800 Series	<b>Spabond™ 820HTA</b> Glass filled, rapid curing long open time adhesive for industrial applications (not available in cartridges).			100:34 (by weight)	90 mins	-	25 – 35mm	71°C	 <a href="#">Download (PDF)</a>
	<b>Spabond™ 840HTA</b> High strength, rapid curing long open time adhesive for industrial applications (not available in cartridges).			100:35 (by weight)	90 mins	-	25 – 30mm	72°C	 <a href="#">Download (PDF)</a>

*\*\*working time properties are highly subjective to ambient conditions and should be used as an approximate guideline for all Spabond™ systems at 20°C. Please refer to the corresponding page of this document for specific testing methods used.*

## SPABOND™ SYSTEMS CODE SELECTOR

System	Type	Size	Units	Description	MOQ (EA)	Order Code	Notes
Spabond™ 435	R/H Fast	20x385	ml	SP435 R/HF 385ml CART/BOX OF 20	1	F647-020	
	R/H Slow	20x385	ml	SP435 R/HSL 385ml CART/BOX OF 20	1	F647-021	
	Resin	200	kg	SPABOND 435 RESIN 200KG	1	F647-022	
	Resin	20	kg	SPABOND 435 RESIN 20KG S/S	1	F647-023	
	Resin	10	kg	SPABOND 435 RESIN 10KG	1	F647-007	
	Resin	5	kg	SPABOND 435 RESIN 5KG	1	F647-024	
Spabond™ 440	R/H Fast	20x385	ml	SP440 R/HF 385ml CART/BOX OF 20	1	F647-025	
	R/H Fast	10x800	ml	SP440 R/HF 800ml CART/BOX OF 10	1	F647-037	
	R/H Slow	20x385	ml	SP440 R/HSL 385ml CART/BOX OF 20	1	F647-026	
	R/H Slow	10x800	ml	SP440 R/HSL 800ml CART/BOX OF 10	1	F647-038	
	Resin	200	kg	SPABOND 440 RESIN 200KG	1	F647-027	
	Resin	20	kg	SPABOND 440 RESIN 20KG S/S	1	F647-028	
	Resin	10	kg	SPABOND 440 RESIN 10KG	1	F647-008	
	Resin	5	kg	SPABOND 440 RESIN 5KG	1	F647-029	
Spabond™ 445	R/H Fast	20x385	ml	SP445 R/HF 385ml CART/BOX OF 20	1	F647-030	
	R/H Fast	20x385	ml	SP445 RBL/HF 385ml CART/BOX OF 20	1	F647-048	Black version
	R/H Slow	20x385	ml	SP445 R/HSL 385ml CART/BOX OF 20	1	F647-031	
	Resin	200	kg	SPABOND 445 RESIN BLACK 200KG	1	F647-049	Black version
	Resin	20	kg	SPABOND 445 RESIN BLACK 20KG S/S	1	F647-050	Black version
	Resin	10	kg	SPABOND 445 RESIN BLACK 10KG	1	F647-046	Black version
	Resin	5	kg	SPABOND 445 RESIN BLACK 5KG	1	F647-051	Black version
	Resin	200	kg	SPABOND 445 RESIN 200KG	1	F647-032	
	Resin	20	kg	SPABOND 445 RESIN 20KG S/S	1	F647-033	
	Resin	10	kg	SPABOND 445 RESIN 10KG	1	F647-009	
Spabond™ 400 Fast	Fast	186	kg	SPABOND 400 FAST HARDENER 186KG	1	F647-013	
	Fast	20.7	kg	SPABOND 400 FAST HARDENER 20.7KG S/S	1	F647-014	
	Fast	6.2	kg	SPABOND 400 FAST HARDENER 6.2KG	1	F647-010	
	Fast	3.1	kg	SPABOND 400 FAST HARDENER 3.1KG	1	F647-015	
	Fast	1.6	kg	SPABOND 400 FAST HARDENER 1.6KG	1	F647-012	
	Spabond™ 400 Slow	Slow	180	kg	SPABOND 400 SLOW HARDENER 180KG	1	F647-017
Slow		20	kg	SPABOND 400 SLOW HARDENER 20KG S/S	1	F647-018	
Slow		6	kg	SPABOND 400 SLOW HARDENER 6KG	1	F647-011	
Slow		3	kg	SPABOND 400 SLOW HARDENER 3KG	1	F647-019	
Slow		1.5	kg	SPABOND 400 SLOW HARDENER 1.5KG	1	F647-016	
Spabond™ 400FR	R/H	20x385	ml	SPABOND 400FR R/HF 385ml CART/BOX OF 20	1	F695-008	
	Resin	20	kg	SPABOND 400FR RESIN 20KG S/S	1	F695-006	
	Fast	5.4	kg	SPABOND 400FR FAST HARDENER 5.4KG	1	F695-007	
Spabond™ 5 Min	R/H	20x400	ml	SP 5-MIN.ADH.R/H 400ml CARTRIDGE/BOX 20	1	F652-021	
	Resin	20x310	ml	SP 5-MIN.ADH.RES.310ml N/ PIGCART/BOX 20	1	F652-025	
	Fast	20x310	ml	SP 5-MIN.ADH.HARD.310ml N/PIGCART/BOX 20	1	F652-027	
Spabond™ 540	R/H Standard	12x600	ml	SP540LV R/HSTD 600ml CART/BOX OF 12	1	F648-045	
	R/H Slow	12x600	ml	SP540LV R/HSL 600ml CART/BOX OF 12	1	F648-054	
	Resin	200	kg	SP540 RESIN 200KG	1	F648-042	
	Resin	20	kg	SP540 RESIN 20KG S/S	6	F648-055	
	Standard	18.4	kg	SP540 STANDARD HARDENER 18.4KG S/S	7	F648-009	
	Standard	184	kg	SP540 HARD STD 184KG	1	F648-033	
	Slow	18.6	kg	SP540 SLOW HARDENER 18.6KG S/S	7	F648-051	
	Slow	186	kg	SP540 SLOW HARDENER 186KG	1	F648-038	
Spabond™ 545	Extra-slow	18.2	kg	SP540 HARD EXTRA SLOW 18.2KG S/S	7	F648-056	
	R/H Fast	20x400	ml	SPABOND 545 R/HF 400ml CARTS/BOX OF 20	1	F675-003	
	R/H Slow	20x400	ml	SPABOND 545 R/HSL 400ml CARTS/BOX OF 20	1	F675-004	
	Resin	20	kg	SPABOND 545 RESIN 20KG S/S	6	F675-005	
	Fast	18.8	kg	SPABOND 545 FAST HARD 18.8KG S/S	9	F675-006	
Spabond™ 568	Slow	18.4	kg	SPABOND 545 SLOW HARD 18.4KG S/S	7	F675-007	
	Resin	17.5	kg	SP568 RESIN 17.5KG	6	F654-023	
Spabond™ 570	Hardener	7.7	kg	SP568 HARD EXTRA-SLOW 7.7KG S/S	1	F654-025	
	Resin	20	kg	SP570 RESIN 20KG S/S	6	F640-023	
	Resin	5	kg	SP570 RESIN 5KG	15	F640-019	
	LV Hardener	20	kg	SP570LV HARD STANDARD 20KG S/S	1	F640-026	
Spabond™ 730	LV Hardener	5	kg	SP570LV HARD STANDARD 5KG	1	F640-025	
	R/H Fast	20x400	ml	SP730 R/H 400ml CART/BOX 20	1	F650-007	
Spabond™ 820HTA	Resin	240	kg	SPABOND 820 RESIN 240KG	1	F681-001	
	Resin	20	kg	SPABOND 820 RESIN 20KG S/S	1	F681-003	
	HTA Hardener	220	kg	SPABOND 820HTA HARD 220KG	1	F681-002	
	HTA Hardener	20	kg	SPABOND 820HTA HARD 20KG S/S	1	F681-004	
	HTA Hardener	6.8	kg	SPABOND 820HTA HARD 6.8KG	1	F681-005	
Spabond™ 840HTA	Resin	220	kg	SPABOND 840 RESIN 220KG	1	F680-009	
	Resin	20	kg	SPABOND 840 RESIN 20KG S/S	1	F680-001	
	HTA Hardener	200	kg	SPABOND 840HTA HARD 200KG	1	F680-010	
	HTA Hardener	20	kg	SPABOND 840HTA HARD 20KG S/S	1	F680-011	
	HTA Hardener	7	kg	SPABOND 840HTA HARD 7KG	1	F680-012	

## SPABOND™ SYSTEMS ANCILLARY PRODUCTS AND ORDERING QUANTITIES

Spabond™ cartridges are compatible with the following dispensers and mix-heads:

Description	310ml (monocomponent)	385ml (3:1 by volume)	400ml (1:1 by volume)	400ml (2:1 by volume)	600ml (1:1 by volume)	800ml (3:1 by volume)	900ml (2:1 by volume)
System(s)	Spabond 5-Min	Spabond 435 Spabond 440 Spabond 445 Spabond 400FR	Spabond 5-Min Spabond 730	Spabond 340 Spabond 345 Spabond 545	Spabond 540	Spabond 440	Spabond 340
Manual Dispenser		K215-079	K215-081	K215-081	K215-080	K215-044*	K215-044
Pneumatic Dispenser	Please contact Gurit Technical Support	K215-082	K215-022	K215-022	K215-050	K215-039*	K215-039
Individual Mix-head(s)**		K215-034 K215-087	K215-034 K215-087	K215-088	K215-034 K215-087	K215-038	K215-038
Mix-heads (bag of 20)		A640-019	A640-019	A640-037	A640-019	A640-021	A640-021

\*guns require minor modification, please contact Gurit Technical Support for further information

\*\*for information only – not available to order

Note that relative ordering quantities are as follows:

SYSTEM	RESIN	HARDENER
Spabond™ 435 Spabond™ 440 Spabond™ 445	3 x 200KG drum Spabond™ 400 Resin	1 x 186/180KG drum Spabond™ 400 Fast/Slow Hardener
	1 x 200KG drum Spabond™ 400 Resin	3 x 20.7/20KG drum Spabond™ 400 Fast/Slow Hardener
	3 x 20KG drum Spabond™ 400 Resin	1 x 20.7/20KG pails Spabond™ 400 Fast/Slow Hardener
	1 x 20KG drum Spabond™ 400 Resin	1 x 6.2/6KG pails Spabond™ 400 Fast/Slow Hardener
	1 x 10KG pails Spabond™ 400 Resin	1 x 3.1/3KG pail Spabond™ 400 Fast/Slow Hardener
	1 x 5KG pails Spabond™ 400 Resin	1 x 1.6/1.5KG pail Spabond™ 400 Fast/Slow Hardener
Spabond™ 400FR	1 x 20KG drum Spabond™ 400FR Resin	1 x 5.4KG pails Spabond™ 400FR Fast Hardener
Spabond™ 5 Minute	F652-025 & F652-027 are supplied non-pigmented in individual 310ml tubes. Please contact Gurit Technical Support for further information on dispensers for this item.	
Spabond™ 540	1 x 200kg pail Spabond™ 540 Resin	1 x 184kg pail Spabond™ 540 Standard Hardener
	1 x 200kg pail Spabond™ 540 Resin	1 x 186kg pail Spabond™ 540 Slow Hardener
	1 x 200kg pail Spabond™ 540 Resin	10 x 18.2kg pail Spabond™ 540 Ex-Slow Hardener
Spabond™ 545	2 x 20kg pail Spabond™ 545 Resin	1 x 18.8kg pail Spabond™ 545 Fast Hardener
	2 x 20kg pail Spabond™ 545 Resin	1 x 18.4kg pail Spabond™ 545 Slow Hardener
Spabond™ 568	1 x 17.5kg pail Spabond™ 568 Resin	1 x 7.7kg pail Spabond™ 568 Ex-slow Hardener
	Spabond™ 568 is not supplied in cartridges	
Spabond™ 570	1 x 20kg pail Spabond™ 570 Resin	1 x 20kg pail Spabond™ 570LV Hardener
	1 x 5kg pail Spabond™ 570 Resin	1 x 5kg pail Spabond™ 570LV Hardener
	Spabond™ 570 is not supplied in cartridges.	
Spabond™ 730	Spabond™ 730 is only supplied in cartridges.	
Spabond™ 820HTA	3 x 240KG drum Spabond™ 820 Resin	1 x 220KG drum Spabond™ 820HTA Hardener
	1 x 240KG drum Spabond™ 820 Resin	3 x 20KG pails Spabond™ 820HTA Hardener
	3 x 20KG pails Spabond™ 820 Resin	1 x 20KG pail Spabond™ 820HTA Hardener
	1 x 20KG pails Spabond™ 820 Resin	1 x 6.8KG pail Spabond™ 820HTA Hardener
Spabond™ 820HTA is intended for use with automated mixing machines & is not supplied in cartridges		
Spabond™ 840HTA	3 x 220KG drum Spabond™ 840 Resin	1 x 200KG drum Spabond™ 840HTA Hardener
	1 x 220KG drum Spabond™ 840 Resin	3 x 20KG pails Spabond™ 840HTA Hardener
	3 x 20KG pails Spabond™ 840 Resin	1 x 20KG pail Spabond™ 840HTA Hardener
	1 x 20KG pails Spabond™ 840 Resin	1 x 7KG pail Spabond™ 840HTA Hardener
Spabond™ 840HTA is intended for use with automated mixing machines & is not supplied in cartridges		

## NOTICE

All advice, instruction or recommendation is given in good faith but the selling Gurit entity (the Company) only warrants that advice in writing is given with reasonable skill and care. No further duty or responsibility is accepted by the Company. All advice is given subject to the terms and conditions of sale (the Conditions) which are available on request from the Company or may be viewed at Gurit's Website: [www.gurit.com/terms-and-conditions.aspx](http://www.gurit.com/terms-and-conditions.aspx)

The Company strongly recommends that Customers make test panels in the final process conditions and conduct appropriate testing of any goods or materials supplied by the Company prior to final use to ensure that they are suitable for the Customer's planned application. Such testing should include testing under conditions as close as possible to those to which the final component may be subjected. The Company specifically excludes any warranty of fitness for purpose of the goods other than as set out in writing by the Company. Due to the varied nature of end-use applications, the Company does, in particular, not warrant that the test panels in the final process conditions and/or the final component pass any fire standards.

The Company reserves the right to change specifications and prices without notice and Customers should satisfy themselves that information relied on by the Customer is that which is currently published by the Company on its website. Any queries may be addressed to the Technical Services Department.

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## TECHNICAL CONTACT INFORMATION

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