CERTIFIED ADHESIVES FOR LOAD BEARING WOODEN BUILDING CONSTRUCTIONS (AD 2338)

This list contains an overview of the adhesives for load bearing wooden building constructions, certified by SKH. This list only serves as a guideline. When using the adhesive the KOMO® product certificate should always be conducted.

Publisher:
Certification body: SKH
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Issued by: SKH

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SKH-Publication 99-08 date: 06-10-2021
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The adhesives for load-bearing wooden building constructions specified in the table below, manufactured by the manufacturer, comply with BRL 2338 'Glues for load-bearing wooden building constructions'

Certificate owner *Certificate number* name and address details	**Adhesive**	**Hardener**	**Classification**	**Type**	**Wood species**								
					Spruce (*Picea abies*)	**Fir** (*Abies alba*)	**Pine** (*Pinus sylvestris*)	**European Larch** (*Larix decidua*)	**Siberian Larch** (*Larix sibirica*)	**Douglas fir** (*Pseudotsuga menziesii*)	**Beech** (*Fagus sylvatica L.*)	**Beech - Spruce**	**Spruce – Euro. Larch**
Akzo Nobel Adhesives AB *Certificate no.: 32389* P.O. Box 11538 SE-10061 STOCKHOLM SWEDEN Phone +46 (0) 87 43 40 00 Website: http://www.akzonobel.com/adhesives	AkzoNobel Adhesives 1242	2542 (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x						
		2542, Water (100: 20: 5)	EN 301 I 90 FJ 0,1 M	MUF	x	x	x						
	AkzoNobel Adhesives 1247	2526 (100: 20-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x[1]			
		2526 [2] (100:100)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x				
		2526 [2] (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
	AkzoNobel Adhesives 1251	7551 (100: 20-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x				
		7551 (100:100)	EN 301 I 90 FJ 01, S	MUF	x	x	x	x	x				
	AkzoNobel Adhesives 1252	2526 (100: 20-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x				
		2526 (100:100)	EN 301 I 90 FJ 01, S	MUF	x	x	x	x	x				
	AkzoNobel Adhesives 1257	7557 (100: 20-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x				
	AkzoNobel Adhesives 1711	2520 (100: 15)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	PRF	x	x	x						
	GripPro™ Plus A011	Hardener H011 (100: 30-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Hardener H011 (100: 10-100)	EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x[3]	x[3]	x[3]			
		Hardener H011 (100: 50-70)	EN 301 I 90 FJ 01, S	MUF	x	x	x	x	x	x			

1) For lamination of Douglas fir (*Pseudotsuga menziesii)* the resin – hardener ratio should be between 100:20 and 100:80.
2) One part by weight of colorant (WY1, WZ1 or WR1) may be added.
3) For joining Euopean Larch (*Larix decidua*), Siberian Larch (*Larix sibirica)* and Douglas fir (*Pseudotsuga menziesii)* the resin – hardener ratio should be between 100:20 and 100:100.

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BASF SE *Certificate no. 32452* E-CMP/K – T 410 Carl-Bosch-Strasse 38 D-67056 LUDWIGSHAFEN GERMANY Phone + 49 (0) 621 60-0 Website: http://www.basf.com	Kauramin® lijm 683	Kauramin® harder 688 (100: 20-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Kauramin® harder 688 (100:65)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x	x			
		Kauramin® harder 688 Water (100: 20-40: 5)	EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
		Kauramin® harder 686 (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GF 1,5 M	MUF	x	x	x	x	x	x			
	Kauramin® lijm 690	Kauramin® harder 1690 (100: 10-100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
		Kauramin® harder 1690 (100: 15-100)	EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Kauramin® harder 1690 (100: 50-100)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x	x			
		Kauramin® harder 1690 Water (100: 10-30: 5)	EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
Dynea AS *Certificate no. 32429* Svelleveien 33 N-2000 LILLESTRØM NORWAY P.O. Box 160 N-2001 LILLESTRØM NORWAY Phone +47 (0) 63 89 71 00 Website: http://www.dynea.com Importer Netherlands: **Bijlard International** Platinastraat 141 2718 SR ZOETERMEER	Aerodux 185	HRP 150 (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	PRF	x	x	x	x	x	x			
		HRP 155 (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	PRF	x	x	x	x	x	x			
		HRP 155, Kaolin, Water (100: 20: 30: 10)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	PRF	x	x	x	x	x	x			
	Prefere 4094	Prefere 5827 (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GF 1,5 M	PRF	x	x	x	x	x	x	x	x	
	Prefere 4099	Prefere 5827 (100:20)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	PRF	x	x	x						
	Prefere 4535	Prefere 5035 (100: 15 – 35)	EN 301 I 90 GP 0,6 M	MUF	x	x	x						

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Certificate owner *Certificate number* name and address details	**Adhesive**	**Hardener**	**Classification**	**Type**	**Wood species**								
					Spruce (*Picea abies*)	**Fir** (*Abies alba*)	**Pine** (*Pinus sylvestris*)	**European Larch** (*Larix decidua*)	**Siberian Larch** (*Larix sibirica*)	**Douglas fir** (*Pseudotsuga menziesii*)	**Beech** (*Fagus sylvatica L.*)	**Beech - Spruce**	**Spruce – Euro. Larch**
Continuation Dynea AS *Certificate no. 32429* Svelleveien 33 N-2000 LILLESTRØM NORWAY P.O. Box 160 N-2001 LILLESTRØM NORWAY Phone +47 (0) 63 89 71 00 Website: http://www.dynea.com Importer Netherlands: **Bijlard International** Platinastraat 141 2718 SR ZOETERMEER	Prefere 4535	Prefere 5035 (100: 15 – 60)	EN 301 I 90 FJ 0,1 M	MUF	x	x	x						
		Prefere 5035 (100: 25 – 35)	EN 301 I 90 GP 0,3 S	MUF	x	x	x						
		Prefere 5035 (100:20) coloured with a dye	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x						
	Prefere 4535	Prefere 5046 (100: 15 – 60)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x						
		Prefere 5046 (100: 25 – 60)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Prefere 5046 (100:30) coloured with a dye	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
	Prefere 4546	Prefere 5020 (100: 30 – 100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Prefere 5020 (100:100)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x	x			
	Prefere 4546	Prefere 5021 (100: 10 – 100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
		Prefere 5021 (100: 20 – 100)	EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Prefere 5021 (100: 70 – 100)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x	x			
		Prefere 5021 Water (100: 100: 5)	EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
		Prefere 5021 Colanyl yellow HR130 (100: 100: 1)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
	Prefere 4546	Prefere 5022 (100: 10 – 100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			
		Prefere 5022 (100: 20 – 100)	EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Prefere 5022 (100: 70 – 100)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x	x			
	Prefere 4720	Prefere 5020 (100: 10 – 100)	EN 301 I 90 GP 0,6 M EN 301 I 90 FJ 0,1 M	MUF	x	x	x	x	x	x			

Certificate owner *Certificate number* name and address details	**Adhesive**	**Hardener**	**Classification**	**Type**	**Wood species**								
					Spruce (*Picea abies*)	**Fir** (*Abies alba*)	**Pine** (*Pinus sylvestris*)	**European Larch** (*Larix decidua*)	**Siberian Larch** (*Larix sibirica*)	**Douglas fir** (*Pseudotsuga menziesii*)	**Beech** (*Fagus sylvatica L.*)	**Beech - Spruce**	**Spruce – Euro. Larch**
Continuation **Dynea AS** *Certificate no. 32429*	Prefere 4720	Prefere 5020 (100: 20 – 100)	EN 301 I 90 GP 0,3 S	MUF	x	x	x	x	x	x			
		Prefere 5020 (100:100)	EN 301 I 90 FJ 0,1 S	MUF	x	x	x	x	x	x			
	Prefere 6151	Prefere 6651 (100:15)	EN 16254 I 70 GP 0,2 EN 16254 I 70 FJ 0,1	EPI	x	x	x	x					
	Prefere 6182	Prefere 6682 (100:15)	EN 16254 I 70 GP 0,3	EPI	x	x	x	x					
Henkel & Cie. AG *Certificate no. 21008* Industriestrasse 17a CH-6203 SEMPACH – STATION SWITZERLAND Phone +41 (0)41 469 68 60 Website: http://www.henkel-adhesives.com	**LOCTITE®** HB 110 PURBOND	-	EN 15425 I 70 GP 0,3	PUR	x	x	x						
	LOCTITE® HB 181 PURBOND	-	EN 15425 I 70 GP 0,3	PUR	x	x	x						
	LOCTITE® HB 230 PURBOND	-	EN 15425 I 70 FJ 0,1	PUR	x	x	x	x					
	LOCTITE® HB 360 PURBOND	-	EN 15425 I 70 GP 0,3	PUR	x	x	x						
	LOCTITE® HB S029 PURBOND	-	EN 15425 I 70 FJ 0,1	PUR	x	x	x	x					
	LOCTITE® HB S039 PURBOND	-	EN 15425 I 70 FJ 0,1	PUR	x	x	x	x					
	LOCTITE® HB S049 PURBOND	-	EN 15425 I 70 FJ 0,1	PUR	x	x	x	x	x	x			
	LOCTITE® HB 360 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			
	LOCTITE® HB S059 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			
	LOCTITE® HB S069 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			
	LOCTITE® HB S079 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			
	LOCTITE® HB S089 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			
	LOCTITE® HB S099 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			
	LOCTITE® HB S109 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]

4) The finger joints in the lamella are fixed together without the use of a primer, the lamella which are joint together during lamination have to be coated with Primer PR7010.
5) Primer PR7010 has to be used for both the finger joints (when applicable) in the lamella as well as for the lamination of the lamella.
6) Primer PR3105 has to be used for face gluing.
7) Primer PR7010 has to be used.

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Continuation: **Henkel & Cie. AG** *Certificate no. 21008* Industriestrasse 17a CH-6203 SEMPACH – STATION SWITZERLAND Phone +41 (0)41 469 68 60 Website: http://www.henkel-adhesives.com	**LOCTITE®** HB S119 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S129 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S139 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S149 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S159 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S169 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S179 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S189 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S199 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S209 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S259 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S309 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]	x[6]	x[6]	x[7]
	LOCTITE® HB S359 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S409 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S459 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S509 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S559 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S609 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]

4) The finger joints in the lamella are fixed together without the use of a primer, the lamella which are joint together during lamination have to be coated with Primer PR7010.
5) Primer PR7010 has to be used for both the finger joints (when applicable) in the lamella as well as for the lamination of the lamella.
6) Primer PR3105 has to be used for face gluing.
7) Primer PR7010 has to be used.

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Continuation: **Henkel & Cie. AG** *Certificate no. 21008*	**LOCTITE®** HB S659 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
	LOCTITE® HB S709 PURBOND	-	EN 15425 I 90 GP 0,3	PUR	x	x	x	x[4]	x[5]	x[6]			x[7]
Jowat SE Ernst-Hilker-Straße 10-14 D-32758 DETMOLD GERMANY P.O. Box 1953 D-32709 DETMOLD GERMANY Phone +49 (0) 52 31 749 0 Website: http://www.jowat.de	**Jowapur®** 680.20	-	EN 15425 I 70 FJ 0,1	PUR	x	x	x			x			
	Jowapur® 686.20	-	EN 15425 I 70 FJ 0,1	PUR	x	x	x	x	x	x			
	Jowapur® 686.30	-	EN 15425 I 70 GP 0,3	PUR	x	x	x						
	Jowapur® 686.60	-	EN 15425 I 70 GP 0,3	PUR	x	x	x						

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