

Norsk Treteknisk Institutt

Approved adhesives for JAS glulam

The list is updated: 2014-05-05

Adhesive family	Producer	Product name	Resin	Hardener	Mixing ratio	Face gluing & Fingerjointing	Dimension		Exposure condition			
							Small/Medium	Large ¹	A	B	C	
PRF (Phenol-resorcinol-formaldehyde)	Casco Adhesives AB		1711	2520	100:15	•	•	•	•	•	•	
	Casco Adhesives AB		1711	2623	100:25	•	•	•	•	•	•	
	Casco Adhesives AB		1714	2520	100:15	•	•	•	•	•	•	
	Casco Adhesives AB		1715	2520	100:10-15	•	•	•	•	•	•	
	Casco Adhesives AB		1717	2575	100:30	•	•	•	•	•	•	
	Casco Adhesives AB		1717	2533	100:30	•	•	•	•	•	•	
	Casco Adhesives AB		1719	2619	100:20	•	•	•	•	•	•	
	Casco Adhesives AB		1774	2520	100:15	•	•	•	•	•	•	
	Casco Adhesives AB		1775	2575	100:30	•	•	•	•	•	•	
	Casco Adhesives AB	GripPro™NeroHeat		A010	H010	100:15	•	•	•	•	•	•
	Dynea AS	Prefere		4040	5835	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4040	5839	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4040	5840	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4041	5839	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4041	5840	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4045	5839	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4094	5827	100:20	•	•	•	•	•	•
	Dynea AS	Prefere		4099	5827	100:20	•	•	•	•	•	•
Dynea AS	Aerodux		185	HRP 155	100:20	•	•	•	•	•	•	

- Is applicable for
- 1 Only applicable in Exposure condition A and B

Adhesive family	Producer	Product name	Resin	Hardener	Mixing ratio	Face gluing & Fingerjointing	Dimension		Exposure condition		
							Small/Medium	Large ¹	A	B	C
EPI (Emulsion-polymerised Isocyanate)	Casco Adhesives AB		1949	1990	100:15	•	•				•
	Casco Adhesives AB		1950	1999	100:15	•	•				•
	Casco Adhesives AB		1973	1993	100:10-15	•	•				•
	Casco Adhesives AB		1937	1943	100:10-15	•	•				•
	Casco Adhesives AB		1974	1993	100:10-15	•	•				•
	Casco Adhesives AB		1977	1990	100:10-15	•	•				•
	Casco Adhesives AB		1989	1993	100:15	•	•				•
	Dynea AS	Prefere	6150	6650	100:15	•	•				•
	Dynea AS	Prefere	6151	6651	100:15	•	•				•
	Dynea AS	Prefere	6181	6681	100:15	•	•				•
	Dynea AS	Prefere	6182	6682	100:15	•	•				•
	Kiilto OY	Kestokol	WR05	WR	100:15	•	•				•
Kiilto OY	Kestokol	WR11	WR	100:15	•	•				•	
MF (Melamine-formaldehyde)	Casco Adhesives AB		1250	2550	100:100	3	3	3	3	3	3
	Casco Adhesives AB		1265	7565	100:100	4	4	4	4	4	4
	Dynea AS	Prefere	4720	5020	100:10-100	3	3	3	3	3	3
MUF ² (Melamineurea-formaldehyde)	Dynea AS	Prefere	4546	5021	100:20-100	3	3				3
	BASF SE	Kauramin	690	1690	5	5	5	5		5	5
PUR (One component polyurethan)	Purbond AG		HB 514			3	3				3

- Is applicable for
- 1 Only applicable in Exposure condition A and B
- 2 Parts by weight of melamine ≥ parts by weight of urea; melamine content in resin ≥ 15 %
- 3 Only use for fingerjointing
- 4 Approved by MAFF until april 2017 for face gluing in Exposure condition B and C, generally approved for fingerjointing in Exposure condition A, B and C
- 5 Approved by MAFF until february 2017 for face gluing in Exposure condition B and C (mixing ratio 100:20-50), generally approved for fingerjointing in Exposure condition C (mixing ratio 100:65)