

Approvals for alternative pretreatment products

	A - Nr	Country	Producer	System	Approved since
(1)	A - 1	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	GARDOBOND X 4723	1996-12-16
	A - 2	DE	Henkel KGaA, Düsseldorf	ALODINE 4830 / 4831	1996-12-16
(2)	A - 3	DE	Henkel KGaA, Düsseldorf	ALODINE 400	1996-12-16
	A - 4	ES	Procoat Tecnologias, SL, Rubi	BRUGAL 9TP-AS	1996-12-16
(3)	A - 10	ES	Estudios del Aluminio y Superficies SL, Lleida	BULCOAT 33	1998-12-14
(4)	A - 12	DE	Henkel KGaA, Düsseldorf	ALODINE 4852	2003-01-09
(5)	A - 13	ES	Alvarez - Schaer, S.A. (ALSAN), Paterna (Valencia)	EcoAl - 20	2003-01-09
	A - 14	DE	Alufinish GmbH & Co. KG, Andernach	ENVIROX A (Alfipas 740 / Alfipas 741)	2003-01-09
	A - 15	DE	Alufinish GmbH & Co. KG, Andernach	ENVIROX S (Alfipas 745 / Alfipas 746)	2003-01-09
	A - 16	UK	Wirral Fospray Ltd., Hawarden, Flintshire	SURFOS NC 686	2003-07-28
	A - 17	DE	Haug Chemie GmbH, Sinsheim	ESKAPHOR H 4070/4071	2003-02-24
	A - 18	DE	Alufinish GmbH & Co. KG, Andernach	ALFICOAT 770/771	2003-02-24
	A - 19	DE	Alufinish GmbH & Co. KG, Andernach	ENVIROX NR (Alficoat 748)	2003-02-24
	A - 20	DE	NABU-Oberflächentechnik GmbH	NABUTAN STI/310 // Bulk ECLPS 2101	2003-05-15
	A - 21	NL	AD Chemicals, Heijningen	PRECOAT	2003-05-23
	A - 22	IT	Condoroil Chemical Italy	GREENCOAT AL 2002	2003-07-18
	A - 23	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	GARDOBOND X 4670	2003-09-08
	A - 24	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	GARDOBOND X 4707	2003-09-08
	A - 25	DE	Henkel KGaA, Düsseldorf	ALODINE 4870 / 4871	2004-03-15
	A - 26	ES	Naisurfas Ibérica S.A.	NAIFIX AL SC INCOLOR	2004-03-15
	A - 27	DE	Foster Chemicals GmbH	FAV 10 (Chela Clean T5-H)	2004-04-05
	A - 28	DE	Foster Chemicals GmbH	FAV 10 (FAV SPF)	2004-04-05
	A - 29	ES	Naisurfas Ibérica S.A.	NAIFIX AL SC AMARILLO	2004-06-11
	A - 30	ES	Naisurfas Ibérica S.A.	NAIFIX AL SC gris	2004-06-11
	A - 31	IT	Mac Dermid - S. Martino di Trecate (NO)	IRIDITE NR2-I	2004-08-27
	A - 32	ES	Estudios del Aluminio y Superficies SL, Lleida	BULCOAT 2000	2005-04-04
	A - 33	ES	Estudios del Aluminio y Superficies SL, Lleida	STARCOAT	2005-04-04
	A - 34	ES	Proquimia, S.A., VIC (Barcelona)	CONVERCOAT ZR 70	2005-04-05
	A - 35	NL	Kluthe Benelux BV, Alphen a/d Rijn	DECORRDAL AL 240 A (no rinse)	2005-05-10
	A - 36	NL	Kluthe Benelux BV, Alphen a/d Rijn	DECORRDAL AL 230 + AL 270 OR	2005-05-10
	A - 37	IT	Aluservice S.r.l., Lainate (MI)	ALS 78	2005-05-31
	A - 38	IT	Italteco, Modena (MO)	ALUGOLD	2005-05-31
	A - 39	SA	German Metal Surface Treatment Chemicals Co. (SUGEST)	DURAPASS 714 A/B	2005-07-25
	A - 40	DE	SurTec Deutschland GmbH	SurTec 650 chromitAL TCP	2005-11-03
	A - 41	DE	Henkel KGaA, Düsseldorf	Alodine 4880-81	2005-11-03
	A - 42	DE	SurTec Deutschland GmbH	SurTec 651 chromitAL	2005-11-03
(6)	A - 43	ES	Alvarez - Schaer, S.A. (ALSAN), Paterna (Valencia)	EcoAl - Golden	2005-11-24
	A - 44	UK	Gramos Applied Limited, Smethwick (UK)	METFIN NC 3551 / AD 3552	2006-01-27
	A - 45	IT	Mac Dermid - S. Martino di Trecate (NO)	IRIDITE NCP	2006-06-06
	A - 46	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	GARDOBOND X 4747	2006-09-05
	A - 47	DE	BASF Aktiengesellschaft, Ludwigshafen	Lugalvan* FDC	2006-12-28

(1) previous trade name : PYRENE 7-77 (Brent Europe Ltd.)

(2) previous trade name : NOVACOAT 400 (Novamax Technologies)

(3) previously produced by Quimicoat Internacional, S.L., Alcoletge (Lleida)

(4) previous trade name : ALODINE 4850

(5) previous trade name : ALUDIP-20

(6) previous trade name : ALUDIP GOLDEN