

Approvals for alternative pretreatment products

	A - N°	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 Tecnologías S.L., Castellgalí	BRUGAL 9TP-AS	1996-12-16
(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 - 15	DE	Alufinish GmbH & Co. KG, Andernach	ENVIROX S (Alfipas 745 / Alfipas 746)	2003-01-09
	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
(8)	A - 19	DE	Alufinish GmbH & Co. KG, Andernach	ENVIROX NR (Alficoat 748 / Alficoat 748/3)	2003-02-24
(12)	A - 20	DE	NABU-Oberflächentechnik GmbH	NABUTAN STI/310 / BULK ECLPS® 2100	2003-05-15
	A - 21	NL	AD Chemicals, Heijningen	PRECOAT	2003-05-23
(11)	A - 24	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	Gardobond X 4707 No rinse / CHEMAL Non-Chrome B.K.-3990 No rinse	2003-09-08
(9)	A - 26	ES	SIDASA, Barcelona	NAIFIX AL SC INCOLOR	2004-03-15
(9)	A - 29	ES	SIDASA, Barcelona	NAIFIX AL SC AMARILLO	2004-06-11
	A - 31	IT	Mac Dermid - S. Martino di Trecate (NO)	IRIDITE NR2-I	2004-08-27
	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 - 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
(7)	A - 45	IT	Mac Dermid - S. Martino di Trecate (NO)	IRIDITE EXD	2006-06-06
(11)	A - 46	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	Gardobond X 4747 / CHEMAL Non-Chrome B.K.-3995	2006-09-05
	A - 47	DE	BASF Aktiengesellschaft, Ludwigshafen	Lugalvan® FDC	2006-12-28
	A - 48	DE	DOK-Chemie GmbH, Kierspe	Eupass 9602002	2007-09-12
	A - 49	DE	Henkel KGaA, Düsseldorf	Alodine 5200	2007-12-18
(10)	A - 50	UAE	SurTec Middle East LLC., Sharjah - United Arab Emirates	BULCOAT 33	2008-03-10
	A - 52	ES	Alvarez - Schaer, S.A. (ALSAN), Paterna (Valencia)	Eco Tri - 07	2008-03-10
	A - 53	DE	Henkel KGaA, Düsseldorf	ALODINE 5992	2008-10-07
	A - 54	IT	Aluservice S.r.l., Lainate (MI)	ALS-75	2008-12-31
	A - 55	IT	Aluservice S.r.l., Lainate (MI)	ALS-75 NC	2008-12-31
	A - 56	IT	Aluservice S.r.l., Lainate (MI)	ALS-78	2008-12-31
	A - 57	DE	SurTec International GmbH	SurTec 641	2009-01-23
	A - 58	DE	Mac Dermid GmbH, Forst	Iridite CF	2009-02-17
	A - 59	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	GARDOBOND X 4670	2009-02-17
	A - 60	ES	ProCoat Tecnologías S.L., Castellgalí	BRUGAL 700 AL	2009-03-27
	A - 61	UK	Almetron, Wrexham	Almetron CF 310	2009-06-29
	A - 62	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	Gardobond X 4707 Rinse / CHEMAL Non-Chrome B.K.-3990 Rinse	2009-06-29
	A - 63	IT	Dollmar & C. S.p.A., Caleppio di Settala (MI)	DOLLOCOAT SA 121	2009-07-09
	A - 65	DE	Atotech Deutschland GmbH	Interlox 5705	2009-08-27
	A - 66	DE	Atotech Deutschland GmbH	Interlox 338	2009-08-27
	A - 67	UAE	SurTec Middle East LLC., Sharjah - United Arab Emirates	ECLPS 2130 R	2009-11-05
	A - 68	DE	Chemetall GmbH (Surface Treatment), Frankfurt a/M	Oxsilan® AL 0510	2010-07-29
	A - 69	TR	Politeknik Metal San ve Tic A.S., Gebze-Kocaeli	Polytoxal PCF 701	2010-09-21
	A - 70	DE	Alufinish GmbH & Co. KG, Andernach	Alfipas 7816 (ENVIROX "SG" process)	2010-12-27
	A - 71	ARG	Laring, Buenos Aires - Argentina	ALAR P-29 / ECLPS 2100	2011-03-08

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

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

(4) previous trade name : ALODINE 4850

(5) previous trade name : ALUDIP-20

(6) previous trade name : ALUDIP GOLDEN

(7) previous trade name : IRIDITE NCP

(8) previous trade name : ENVIROX NR (Alficoat 748)

(9) previously produced by Naisurfas Ibérica S.A.

(10) previously produced by LC Systeme M.E.LLC

(11) extended trade name since October 2008

(12) extended trade name since June 2009