

Approvals for alternative pretreatment products

| A - N° | Country | Producer | System | Approved since |
|--------|---------|---|--|----------------|
| A - 2 | DE | Henkel KGaA, Düsseldorf | ALODINE 4830 / 4831 | 1996-12-16 |
| A - 3 | DE | Henkel KGaA, Düsseldorf | ALODINE 400 | 1996-12-16 |
| A - 4 | ES | ProCoat Tecnologías S.L., Castellgali | BRUGAL 9TP-AS | 1996-12-16 |
| A - 12 | DE | Henkel KGaA, Düsseldorf | ALODINE 4852 | 2003-01-09 |
| 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 |
| A - 19 | DE | Alufinish GmbH & Co. KG, Andernach | ENVIROX NR (Alficoat 748 / Alficoat 748/3) | 2003-02-24 |
| 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 |
| 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 |
| A - 26 | ES | SIDASA, Barcelona | NAIFIX AL SC INCOLOR | 2004-03-15 |
| 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 - 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 |
| A - 43 | ES | Alvarez - Schaer, S.A. (ALSAN), Paterna (Valencia) | EcoAl - Golden | 2005-11-24 |
| A - 45 | IT | Mac Dermid - S. Martino di Trecate (NO) | IRIDITE EXD | 2006-06-06 |
| 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 |
| 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 - 55 | IT | Aluservice S.r.l., Lainate (MI) | ALS-75 NC | 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 - 60 | ES | ProCoat Tecnologías S.L., Castellgali | 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., Calepio 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 |
| A - 72 | DE | NABU-Oberflächentechnik GmbH | NABUTAN 900 | 2011-05-31 |
| A - 73 | FR | SurTec France, | SurTec 640 / Eclps 2103 | 2011-06-17 |
| A - 74 | ES | Química del Aluminio S.L., Fraga (Huesca) | BULCOAT 2000 | 2011-06-17 |
| A - 75 | ES | Química del Aluminio S.L., Fraga (Huesca) | BULCOAT 2010 | 2011-06-17 |
| A - 76 | ES | Química del Aluminio S.L., Fraga (Huesca) | BULCOAT 2020 | 2011-06-17 |
| A - 77 | JP | Japan Cee-Bee Chemical Co. Ltd. | CHEMIBONDER 5500 | 2011-08-05 |
| A - 78 | TR | Green Chemicals, Orhanli-Tuzla (Istanbul) | MET-Treat® 3043/3044 | 2011-11-22 |
| A - 79 | IT | Henkel Italia Spa, Calepio di Settala (MI) | ALODINE NT-E | 2011-12-15 |
| A - 80 | IT | ALUSERVICE S.r.l., Lainate (MI) | ALS-75 COL | 2011-12-15 |
| A - 81 | GR | Surface Chemicals Sylodimos Bros Co., Koropi | SURF PASS Ti NOC | 2012-01-06 |
| A - 82 | UK | Almetron, Wrexham | Almetron CF 20 | 2012-01-23 |