



bandoxalpro[®]

ARCHITECTURE & DESIGN

SURFACES



8650



8550 PRIME



8652



8654



8742



8746



8848



8948





TECHNICAL SPECIFICATION


COLOURS



bandoxalpro	normatives	8650	8550 PRIME	8652	8654	8742	8746	8848	8948
surface		Matt	Matt Satin	Matt Satin	Matt Satin	Brushed	Brushed	Sand Touch	Glossy
alloy	EN 573-3	5005	5005	5005	5005	5005	5005	5005	1050 clad 1090
temper	EN 485-2	H14	H14	H14	H14	H14	H14	H14	H18
max gauge [mm]	EN 485-4	3	3	3	3	3	3	3	3
width range [mm]	EN 485-4	1000-2000	1000-2000	1000-2000	1000-1500	1000-1500	1000-1500	1000-1500	1000-1500
tensile strength [MPa]	EN 485-2	145-185	145-185	145-185	145-185	145-185	145-185	145-185	140-185
proof stress [mpa]	EN 485-2	120	120	120	120	120	120	120	120
elongation [%]	EN 485-2	3	3	3	3	3	3	3	2

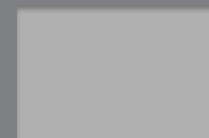
Any further finishing, alloy, temper and dimensions available on request

adhesive tape		different protective film available, including tape suitable for laser cut
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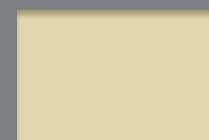
oxide thickness		up to 25 micron measured following Eddy Current method, ISO 2360
surface uniformity		EN ISO 7599:2010 "General specifications for anodic oxidation coatings on aluminium"
corrosion resistance		excellent - neutral salt spray test according to ISO 9227
sealing quality		weight loss test following EN ISO 3210:2010 EN ISO 2143:2010 "Estimation of loss of absorptive power of anodic oxidation coatings after sealing." Dye spot test with prior acid treatment."
abrasion resistance		taber test according to ISO 10074
coating hardness		pencil test according to ISO 15 184
uv resistance		artificial weathering in xenon-arc lamp apparatus according ISO 11341

bending		according to EN ISO 485-2
thermal conductivity		> 220W/mK
thermal expansion		22-25 m/(mK)
fire resistance class		A1 - according to the International standard UNI-EN 13501 ("Fire classification of construction products and building elements"). non-flammable - according to British standard BS 476 and to ASTM test E136.

warranty		up to 25 years - this warranty does not apply to any deterioration caused by the action of acidic, alkaline, aggressive liquids, vapours or as a result of accidental damage, misuse, handling and cleaning operations not following the bandoxalpro maintenance procedures 100% recyclable 
defects		no defects visible at an inspection distance of 2 m



NT



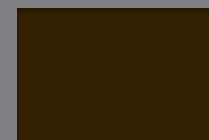
LG



DG



LB



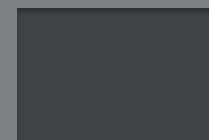
DB



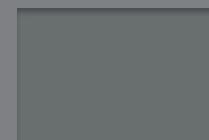
BK



CP



ZC



TT

SOME APPLICATIONS

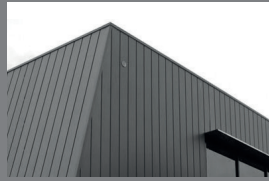
cladding



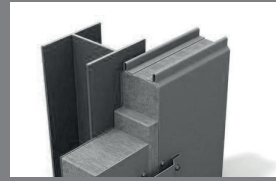
roofs



walls



sandwich panel



design



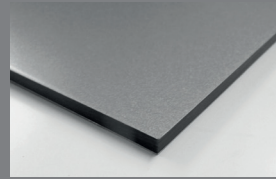
welded tubes



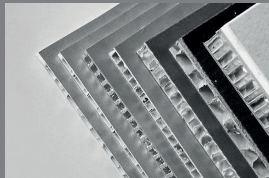
automotive



composite panel



honeycomb panel



technical



perforated panels



cassettes



MAIN ADVANTAGES



Large format



Lightweight



Easy handling



Easy maintenance



Building beautification



Aesthetics

CERTIFICATIONS

