

Glossary

ACA	Aluminium Coil Anodising Corporation (including its UK subsidiary, ACA Europe Ltd), a US producer of coil anodized aluminium .
Alanod	Alanod Aluminium-Veredlung GmbH & Co, a German producer of coil anodized aluminium and a main party to the merger.
Ano-Coil	Metalloxyd Ano-Coil Ltd, a UK producer of coil anodized aluminium and a main party to the merger.
Anodized aluminium	Aluminium which has been electrochemically treated, such that the aluminium substrate is coated with a transparent and protective oxide film. Some grades of this material are used almost exclusively for lighting applications. See Appendices 4.2 and 4.3.
ANOFOL	ANOFOL SRL, an Italian producer of coil anodized aluminium .
Coil/strip anodized aluminium	Anodized aluminium produced in a continuous process in coil or strip form (typically 600 mm to 1,250 mm wide and several hundred metres long).
Dextra	Dextra Lighting Systems plc, a UK manufacturer of louvres and luminaires .
Diffusion	Scattering of light; see Appendix 4.3.
Electro-brightening	An electrochemical process used by anodizers to reduce surface imperfections on an aluminium substrate and thereby enhance its reflectance properties. See Appendix 4.2.
HELIA	An anodized aluminium product of SATMA , which achieves about 92 per cent reflectance.
Interlux	Interlux Ltd, a UK louvre manufacturer.
Iridescence	Colouring effect resulting from light refraction: see Appendix 4.3.
Jordan	Jordan Reflectors Limited, a louvre manufacturer with ownership links to Alanod .
LCL	Lighting & Ceiling Louvres Ltd, a UK louvre manufacturer.
Lorin	Lorin Industries, Inc (and its UK subsidiary), a US producer of coil anodized aluminium .
Louvre	Part of a luminaire /lighting fitting which reflects light, usually downwards in a controlled manner. Often a curved, narrow strip of specular, anodized aluminium . A louvre assembly usually incorporates several louvres linked together by cross-members (which may be made from either specular or non-specular aluminium material).
Luminaire	Light fitting (or apparatus) which distributes, filters or transforms the light transmitted from one or more lamps (often fluorescent tubes): includes electrical components and wiring, and may also include louvres and other reflector material.
Metalloxyd GmbH	Metalloxyd GmbH, the former German parent of Ano-Coil .
Metalloxyd group	Metalloxyd GmbH and its subsidiaries including Ano-Coil .

MIRO	Alanod range of materials for lighting applications which are produced using anodized aluminium as the substrate. The surface characteristics of MIRO are enhanced by vacuum deposition of high purity aluminium, to give 95 per cent reflectance and no iridescence . See Appendices 4.1 and 4.3.
MIRO L	Alanod range of materials for lighting applications which are still under development. As with MIRO , the MIRO L process is expected to use vacuum deposition of high purity aluminium on to a substrate, but using lacquered raw aluminium (or possibly some other material) as the substrate, rather than anodized aluminium .
Optical grade aluminium	Anodized aluminium with high specularity/low diffusion .
Philips	Koninklijke Philips Electronics NV (including its UK subsidiary, Philips Electronics UK Ltd), a Dutch company which makes luminaires , among many other electrical products.
Precision Louvres	Precision Louvre Company, a UK louvre manufacturer: see Chapter 4.
Reflectivity	Extent to which light is reflected from louvres and other reflector material used in a light fitting; see Appendix 4.3.
Reflector	Component/part of a light fitting which reflects light.
SACALL	SACALL SpA, an Italian producer of coil anodized aluminium .
SATMA	Société Anonyme de Traitement des Métaux et Alliages, a French producer of coil anodized aluminium .
Slitting/Cutting	The operation whereby material produced as a wide coil is cut into narrower coils or into sheets, according to customer requirements.
Specular	Mirror-like. Hence, specular reflection of light is associated with low diffusion ; see Appendix 4.3.
Thorn	Thorn Lighting Group Limited (including its UK subsidiary Thorn Lighting Limited (UK)), a manufacturer of louvres and luminaires .
Thyssen	Thyssen Garfield Limited, a metals stockholder and distributor.
Von Ardenne	Von Ardenne Anlagentechnik GmbH, a German manufacturer of production plant.