

Rolling progress



INDUSTRIAL PRODUCTS

AL that you need

Customised aluminium suited for any industrial application

Specialties for every demanding industrial application

Aluminium is gradually replacing its contenders in the race of becoming the first choice for industrial applications. Recyclability, forming ease, surface aspect and cost benefits result in an ever-growing demand of aluminium products. Elval's range of products is capable of covering all requirements in terms of alloys (1xxx, 3xxx, 4xxx, 5xxx, 8xxx series), dimensions (up to 2,5m width and up to 150mm thickness), embossing (2-bar, 5-bar, bright diamond, Elval grain, stucco) and surfaces (degreased, washed, mill finish). Technical expertise, delivery reliability, corporate and environmental responsibility and a wide network of partners worldwide offer an unmatched service in the aluminium supply chain.



www.elval.com



Lightweight



Formable



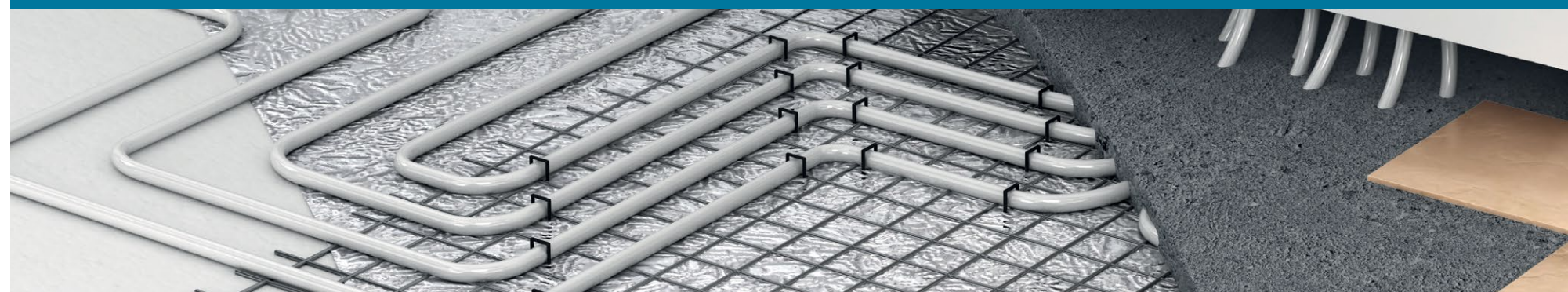
Recyclable



Durable



Energy saving



Multilayer tubes

Strengthening, shaping and protecting

Multilayer tubes are gradually becoming the most sustainable solution for heating, cooling, and circulation, in domestic and industrial applications. Elval contributes in this market by offering customized aluminium strips suitable for this demanding application both in terms of mechanical properties and surface requirements. Manufactured to endure high pressures with design specific dimensions and tight tolerances in order to comply with the requested bonding processes, Elval's aluminium strips (1xxx, 3xxx, 8xxx series) are a market proven solution. A long-term partner with the major players in this market, Elval is a guarantee of reliability and efficiency.

Distribution

Flexible solutions, quality performance

Being an integrated part of the supply chain, Elval serves the distribution market with the exact attributes that shape it: a wide range of commercial stock materials with prompt shipment, and superior customer service. For both standard and demanding applications, Elval's flexibility allows for long and short term planning, resulting in reduced inventories and operational costs.

Cookware

Green solutions for everyday use

Elval's long experience in rolling process resulted to the development of certified green alloys that find their way directly to your shelf. Cutting edge, environmental friendly solutions for cookware applications. Superior formability, less carbon emissions (CO₂), more aesthetics.

Electronic / Electrical

Technology meets expertise

From enclosures to supporting elements and conductors, Elval's foothold in the electronic/electric market has been established through many years of experience. Pure alloys are good electrical conductors and are gradually substituting more expensive materials in the energy transfer, for domestic (bus bars) or industrial (bus ducts – power plants) end uses. On the other hand, lightweight and rigid requirements find a useful ally in aluminium, for enclosures (electrical boxes) and relevant supporting elements (lamp bases, monitors). Finally, Elval's high quality surface aluminium is used as a substrate for the circuit boards, on various applications (automotive, PCs).

Energy

Sustainable, renewable, recyclable

Global trends for environmental sustainability have pushed for lighter, more durable and eco-friendly solutions and aluminium is an ideal fit for this market. Elval is a qualified supplier for solar power (panels), wind power (platforms and nacelles) and oil and gas (offshore platforms).

Construction

We build a sustainable future together

The aesthetic value of aluminium along with its rigid structural properties qualify it as an important choice for construction applications. From facades to internal parts, and from protectors to shades, Elval is capable of supplying materials with exceptional flatness and surface aspect.

Aluminium Technology for the Future

Solving material challenges by superior quality, innovative, tailor-made solutions.

At the forefront of technological developments, Elval's Technology Centre along with ELKEME Hellenic Research Centre for Metals S.A., promote on-going R&D for future growth, through innovative processes, custom-made products and strategic partnerships with scientific bodies and pioneering companies around the world.



Elval

Elval is the aluminium rolling division of ElvalHalcor S.A., one of the leading flat rolled aluminium processors worldwide, and the only one in Greece.

Through continuous investment in R&D and an established global commercial network, Elval offers reliable, innovative and competitive solutions that meet the most demanding requirements of global customers.

Elval processes, manufactures and markets flat rolled aluminium products and solutions for diverse and demanding applications.

Elval serves various markets including:

- Transportation (sea, road and rail)
- Packaging
- Building and construction
- Energy
- HVAC&R (heating, ventilation, air conditioning and refrigeration)
- Industrial applications

Elval's aluminium rolling production unit is certified as per ISO 9001:2015, IATF 16949:2016, ISO 14001:2015, ISO 45001:2018 and ISO 50001:2011.

50 years experience
serving a global customer base

sales
in more than
8 countries


Sustainable products
designed for life

State-of-the-art

facilities


Reliable & dynamic
aluminium solutions provider



ALUMINIUM ROLLING DIVISION of:



Contact us

Elval, Aluminium Rolling Division of ElvalHalcor S.A.
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