

*Doors*



EXPERTS IN NOISE CONTROL SOLUTIONS

# Alara-Lukagro Doors

Alara-Lukagro doors are developed with an eye for detail based on a large number of design requirements. The doors are highly suitable for applications in commercial and industrial construction, infrastructure, offshore and the shipbuilding industry.

## Sound insulating doors

### Hinged doors (type AL-D/D)

Alara-Lukagro's hinged doors are made with double-walled door panels with a thickness of 80 mm, manufactured from electrolytic galvanized steel plates.

### Overhead- and sliding doors (type AL-D/V en AL-D/H)

Highly suitable for spaces in which a wide passageway is required. An ingenious track-tilt system will not only guarantee a smooth opening and closing but also an optimal acoustic sealing.

### Insulation values

Door type	R <sub>w</sub> (C, C <sub>tr</sub> )	Door type	R <sub>w</sub> (C, C <sub>tr</sub> )
AL-D/D45	45 dB (-2,-4)	AL-D/V44 & H44	44 dB (-1,-2)
AL-D/D50	50 dB (-1,-4)	AL-D/V50 & H50	50 dB (-1,-4)
AL-D/D52	52 dB (-1,-4)	AL-D/V52 & H52	52 dB (-1,-6)
AL-D/D54	54 dB (0,-3)		
AL-D/D56	56 dB (-1,-4)		

### Properties

- Aesthetic added value due to the identical appearance of the various doors with different insulation values.
- Many designs possible, low maintenance and durable.



## Models

- Standardized and custom-made models are available.
- Sound insulation up to  $R_w$  56 dB tested in accordance with NEN-EN-ISO 140-3 (tandem construction >  $R_w$  57 dB).
- Fire resistance >30 or >60 minutes, tested in accordance with EN 1634-1.
- Burglary resistance, resistance class 2 and 3, tested in accordance with ENV 1627 / NEN 5096.
- Anti-panic, tested in accordance with NEN-EN 1125 or NEN-EN 179.
- ATEX-environment.
- Airtightness, class 4, tested in accordance with NEN-EN 1026 / NEN-EN 12207.
- Water resistance, class 7A, tested in accordance with NEN-EN 1027 / NEN-EN 12208.
- Wind resistance, class C3, tested in accordance with NEN-EN 12211 / NEN-EN 12210.
- Manufactured in other grades of steel, for example stainless steel or Corten steel.
- Available with block- and corner frames as single or double leaf door.
- Available with windows.
- Wide selection of door fittings.
- In-house blasting and preservation (powder coating, primer and wet paint), wooden look or photo print is possible.

Ask for our datasheets, drawings and/or specification texts for detailed technical information or download these on [www.alara-lukagro.com](http://www.alara-lukagro.com).

## Applications

Ask for our reference sheets about projects with specific applications, for instance sound insulating doors for theatres, concert halls, bars/discos, music studios, plant rooms, technical spaces, power plants, enclosures, noise barriers, etc.

## Applications in offshore and shipping industry

Alara-Lukagro delivers an extensive product range of A30 and A60 certified sound- and fire resistant doors, B30 cabin doors and watertight doors consisting of steel, aluminium or entirely made of stainless steel. The doors are manufactured completely in accordance with customers' requirements, for instance EC and IMO type approved, ABS, BV, GL and Lloyds's certified and approved in accordance with SOLAS regulations.



# Transformer doors

Alara-Lukagro transformer doors, type AL-D/T, are in compliance with the performance requirements and directives of various power companies.

## Properties

- High degree of safety and resistance to vandalism.
- Aesthetic added value due to a seamless integration into facade.
- Many designs possible, low maintenance and durable.
- Louvers with a net free opening of 30%, 42%, 47% or 54%.
- Ventilating louvers are non-intrusive, self-extinguishing, rodent-tight, and resistant to rain, snow and dust.

## Models

- Ventilating or non-ventilating louver doors. Combinations are possible with complete louver facades.
- Patented non-intrusive ventilation louvers and/or blind louver elements.
- Insulated and non-insulated profile series.
- Fire resistance >60 min. tested in accordance with NEN-EN 1634.
- Sound insulation up to  $R_w$  47 dB tested in accordance with EN 14351.
- Burglary resistance, resistance class 2 and 3 tested in accordance with ENV 1627 / NEN 5096.
- Anti-panic tested in accordance with NEN-EN 1125 or NEN-EN 179.
- Manufactured in aluminium or steel.
- Special door- and window furniture, a safety catch, warning signs and grounding strips.
- In-house blasting and preservation (powder coating) is possible.

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## Applications

Ask for our reference sheets about projects with specific applications, for instance transformer doors for high-, medium- and low voltage areas, transformer- and switching stations, transformer substations for gas, technical spaces and transformer doors for offshore applications.



# Quality guaranteed

## Custom-made and specials

Whether you are searching for standard doors or custom-made doors, with over 40 years of experience, we are able to produce the most varied and exceptional projects for you.

## Guarantee and quality

Alara-Lukagro designs, manufactures and preserves the products in-house. This way, the entire process can be controlled and we are able to offer you a high degree of quality, user-friendliness and a good price-quality ratio.

Alara-Lukagro is ISO 9001 and ISO 14001 certified. As a result, the durability of all materials that are used can be guaranteed. All product-specific properties are secured due to extensive testing in laboratories in accordance with international standards (for instance NEN, EN and ISO) and are supported by certificates.

## Service and assembly

Alara-Lukagro offers total solutions, ranging from advice and design to production and assembly. Delivery and assembly is possible around the world. Our installers are VCA (Safety Checklist Contractors) and NOGEPa certified.





## WORLDWIDE DELIVERY AND IMPLEMENTATION

- Enclosures and walls ▪
- Doors** ▪
- Silencers ▪
- Louvers ▪
- Vibration isolators ▪
- Room acoustics ▪
- Blasting and preservation ▪