



TECHNICAL DATASHEET ARI

Characteristics:

With simple, discrete, and combinable colours, the ARI is an easily stackable and transportable single-shell chair that envelopes curves. The ARI is available in swivel base, skate, 4 legs, and benches with up to 5 seats, is characterized by its anti UV rays colour treatment and central drainage system, specially designed for easy outdoor maintenance. For outdoor use, it is only available in grey epoxy painted aluminized structure.

The skid and 4-leg models are stackable up to 6 units. Optionally, it has a trolley for stacking and transport that can carry up to 10 units. Available in many colours: white, black, blue, orange, green, red, grey, and chocolate.

Summary of materials for swivel base:

Single-shell seat: 100% recyclable plastic injection polypropylene, with anti-UV treatment for outdoor use. Optional fireproof treatment.

Mechanism: Gas lift.

Gas lift column: Chromed gas lift column.

Base: Chromed steel or painted in aluminised grey epoxy, 58 cm in diameter.

Wheels: Double rubber Desmopan wheels, 50 mm diameter, with con black wheel covers.

Optional: Nylon non-slip gliders.

Others: Not for exterior use.

Summary of materials for cantilever model:

Single-shell seat: Same as revolving model.

Frame: Curved steel tube, painted in aluminised grey epoxy, suitable for outdoors, chromed, 11 mm in diameter. Nylon non-slip gliders.

Summary of materials for 4-leg chair:

Single-shell seat: Same as revolving model.

Legs: Curved steel tube, painted in aluminised grey epoxy, suitable for outdoors, chromed, 18 mm in diameter. Nylon non-slip gliders.

Summary of materials for V-bench:

Single-shell seat: Same as revolving base model.

Frame: Curved steel tube, painted in aluminised grey epoxy. Legs are an inverted V. Graphite PVC gliders to avoid contact with the wall. Available with 2, 3, 4, or 5 seats. In benches with three or more seats, a graphite phenolic side table with black edging, 40 x 40 cm, can be substituted.

List of certificates and standards:

EN 1728/00
EN 12527/98 parte 4.12
ISO 1183
ASTM D 732
ISO 9227

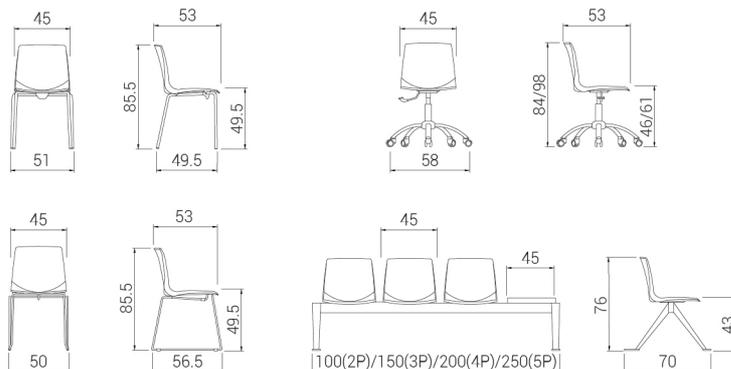
UNE 23727/90
EN 12527/98 part 4.13
DIN 52612
ISO 604

UNE 23721/90
EN 12527/98 part 4.14
ASTM D 785
ISO 2360

UNE 23724
EN 10204
ISO 178
ISO 2409

UNI 9084/02
ISO 4586
ASTM D 256
ASTM D 2794
ISO 6270

Dimensions:





TECHNICAL DATA DESCRIPTION

The ARI has passed the following tests:

- EN 1728/00 Functional static load on seat and backrest.
- EN 1728/00 Fatigue on seat and backrest.

SWIVEL BASE

Single-shell model:

100% recyclable, plastic injection polypropylene, with anti-UV treatment for outdoor use. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724).



Mechanism:

Gas lift: The seat moves up and down by operating a lever on the bottom right of the seat.

1. Gas lift:



Gas lift column:

Gas lift column (UNI 9084/02) chromed, 12 to 15 microns.



Base:

Chromed steel, 12 to 15 microns or painted in aluminised grey epoxy (RAL 9006) (ISO 2360 / ISO 2409 / ASTM D 2794 / ISO 9227 / ISO 6270), 58 cm diameter, with black, moulded cover.



Wheels:

- Double rubber Desmopan wheels, 50 mm diameter, with black wheel covers. The wheels have passed the following tests:
 - EN 12527/98 part 4.12 Impact resistance.
 - EN 12527/98 part 4.13 Resistance test.
 - EN 12527/98 part 4.14 Long distance durability test.
- Optional: Nylon non-slip gliders.



Other:

Not suitable for exterior use.





CANTILEVER

Single-shell seat:

100% recyclable, plastic injection polypropylene, with anti-UV treatment for outdoor use. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). It has a small drain for easy outdoor maintenance.



Frame:

Curved steel rods, 11 mm diameter (EN 10204) painted in aluminised grey epoxy (RAL 9006) (ISO 2360 / ISO 2409 / ASTM D 2794 / ISO 9227 / ISO 6270), suitable for exterior use, or chromed, 10 to 15 microns.



RAL 9006

Nylon non-slip gliders. A flat joint clip allows the combination of combine as many units as you need.



4-LEG CHAIR

Single-shell seat:

100% recyclable plastic injection polypropylene, with anti-UV treatment for outdoor use. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724). It has a small drain for easy outdoor maintenance.



Legs:

Curved steel tube, 18 mm diameter and 1.5 mm thick, painted in grey aluminised epoxy (RAL 9006) (ISO 2360 / ISO 2409 / ASTM D 2794 / ISO 9227 / ISO 6270), suitable for exterior use, or chromed, 10 to 15 microns. Nylon non-slip gliders.



RAL 9006

V-BENCH

Single-shell seat:

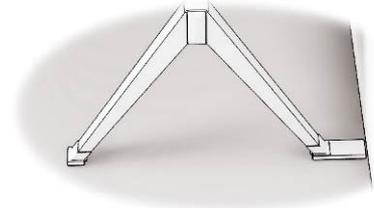
100% recyclable plastic injection polypropylene, with anti-UV treatment for outdoor use. Optional fireproof treatment (UNE 23727/90 / UNE 23721/90 / UNE 23724).





Frame:

Steel tube finished in aluminised grey epoxy (RAL 9006) (ISO 2360 / ISO 2409 / ASTM D 2794 / ISO 9227 / ISO 6270). Central bar, 100 x 50 mm, and 3 mm thick. Legs are an inverted V. Graphite PVC gliders to avoid contact with the wall.

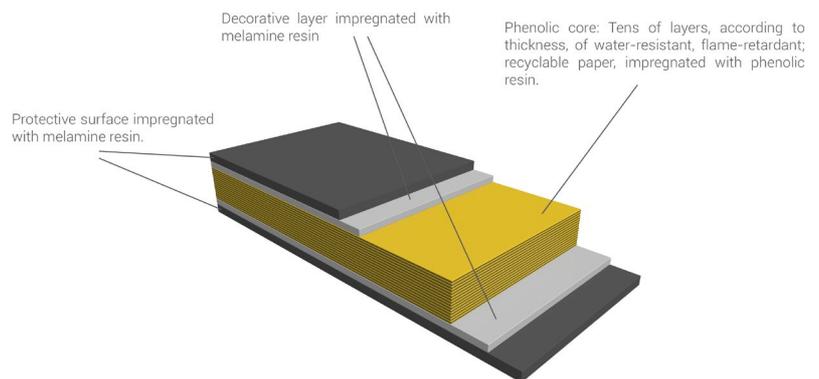


Size	100 cm	150 cm	200 cm	250 cm
Seats	2	3	4	5
	-	2 + table	3 + table	4 + table

Available in 2, 3, 4, or 5 seats. In benches with three or more seats, a side table in phenolic board with black graphite edging, 40 x 40 cm, 10 mm thick, can be substituted.

Properties of phenolic board:

- Scratch resistant.
- Heat resistant.
- Easy to clean.
- Resistant to chemicals and domestic products.
- Crack resistant.
- Impact resistant.
- Resistant to abrasives.
- Hygienic for food.
- Colour fastness in artificial light.



Phenolic board has passed the following tests:

ISO 4586	Thickness/ Decorative paper water resistance / Paper water absorption / Dimensional stability at high temperatures / Steam resistance.
ISO 1183	Density.
DIN 52612	Thermal conductivity.
ASTM D 785	Rockwell hardness.
ISO 178	Flexural strength / Modulus of elasticity.
ASTM D 256	Impact resistance.
ASTM D 732	Shear strength.
ISO 604	Compressive strength.



Extras:

A trolley is available for stacking and transporting up to a maximum of 10 units of both the skate and 4-leg models.

