

TUNNEL WITH 4.50 M ARCH

ARCH: built with one single piece of **ø 40 x 1.5 mm sendzimir Z275 galvanized tube**, calendered with optimal radius to ensure the load-bearing capacity even in the case of snow and wind resistance.

CONNECTION LINE: there is only one line near the ridge, made of **ø 30 x 1.2 mm sendzimir Z275 galvanized tube**. In order to allow the correct locking of the arches, without any drilling, the tube is fixed with special joints called "springs" and "pens".

CROSS BRACING: made of **ø 30 x 1.2 mm sendzimir Z275 galvanized tube**, they are very important elements for the stability of any structure. They are always placed in an oblique position at the four corners, between the first and the second arch.

SHEETING HEADS: the standard version includes a wide door measuring 1.10 m x 2.00 m in height made of tube **ø 30 x 1.2 mm sendzimir Z275 galvanized tube**

The polyethylene sheet is used for the covering.

HEADS IN RIGID MATERIAL: a sturdy frame made of **25 x 25 mm sendzimir Z275 galvanized tubular pieces**; the covering can be obtained either with flat fibreglass or with a 6 or 10 mm thick alveolar polycarbonate. At the centre there is a hinged door with a frame measuring 1.10 m x 2.00 m in height. The opening can also be tilting, so with the possibility of access by any means.

2 support poles, for when the frame is raised, complete the supply.

ROOF: This structure is normally covered with a simple transparent polyethylene sheet that has exceptional transparency, an excellent thermal effect and high mechanical characteristics.

The sheet can be fixed directly to the supporting structure, using simple clips, in **DACROMET** galvanized steel or through the use of a safe combination of aluminium profiles and PVC raceways.

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LATERAL OPENINGS: Just roll the sheet up to the desired height to obtain effective ventilation of the side walls of the tunnel. It is the most widely used solution for greenhouses and is certainly the simplest and most economical.

Edging with a height of 50 cm is also provided, made up of a choice of fibreglass or alveolar polycarbonate, which prevents air infiltrations near the base of the cultivations. It also acts as a containment system of the internal soil of the tunnel. Special iron hooks and specific green polyethylene rope complete the application.

