Ames S.p.A.
S.P.323 – Pagliarone S.Vito – km 1.00
I – 84090 Montecorvino Pugliano/Salerno
Tel. 0828/359111, Fax 0828/350116
Ufficio di rappresentanza
I – 00186 Roma, via della Scrofa 39
Tel. 06/6869720, Fax 06/68307936

E-mail: ames@ames.it
http: //www.ames.it
Capitale Sociale interamente versato
€ 774.750,00
Tribunale di Salerno N. 445/79
CCIAA SA N. 169400
P. IVA e C.F. IT 00751780651

CONTAINERS YPSILON

TECHNICAL FEATURES

INTRODUCTION: all utilized materials in steel are obtained from controlled strips and **galvanized in continue hot deep**.
Kind of zinc covering depends of thickness and is between 140 and 200 grams/square meter. Standards UNI EN 10142/92 and 10147/93.
Prepainted sheet is production of **"MAGONA 3000/90"**, or equivalent performances.
Painting consists in a dry film of 25+/-3 microns on exposed surface and of 5 microns on unexposed surface.

BEARING STRUCTURE

It is composed of two frames one of base and one of roof, linked between them by four corner and several vertical pillars.
Roof frame is designed in order to work also as perimetral gutter with four drips to discharge rain-water.
All the structure is in press bended sheet steel (mm 2 thick) and it has been calculated to overload 2 containers and to couple more containers.

ROOF

It is composed of sandwich panels thickness 50 mm + 38 mm , insulated through injected polyurethane foam, with external corrugated pre-painted sheet (mm0,5 thick) and internal pre-painted sheet (mm 0,5 thick) as ceiling. Overload 250 kg/sq. m.
Heat insulation coefficient is 0,31 Kcal/sq .m. h °C.

FLOOR

It's realized with waterproof wood (mm 18 thick) and PVC (mm 1,5 thick) paving covering; all the floor rests on the steel structure of the base frame. **If it's required**, the floor can be insulated with fibreglass, thickness mm.50. Overload is 250 Kg/sq.mt..

Ames S.p.A.
S.P.323 – Pagliarone S.Vito – km 1.00
I – 84090 Montecorvino Pugliano/Salerno
Tel. 0828/359111, Fax 0828/350116
Ufficio di rappresentanza
I – 00186 Roma, via della Scrofa 39
Tel. 06/6869720, Fax 06/68307936

E-mail: ames@ames.it
http: //www.ames.it
Capitale Sociale interamente versato
€ 774.750,00
Tribunale di Salerno N. 445/79
CCIAA SA N. 169400
P. IVA e C.F. IT 00751780651

FLOOR OF SANITARY ROOM WITH SHOWER

It's composed of waterproof wood slabs thickness mm.18. Slabs are linked between with a film of fibreglass. All plan is finished with a thick coat of resin "GELCOAT", which make it waterproof. As descript floor remains on a steel structure welded to the base frame.

OUTSIDE WALLS

They are modular sandwich panels mm.1000 width, composed of outside and inside galvanized pre-painted sheet (mm 0,5 thick) and injected polyurethane foam; total thickness mm.50.
The heat insulation coefficient of the entire panel is 0,34 K cal/sq. m. h °C.
Above mentioned panels, linked between them with PVC profiles, are fixed to the base and roof frames.
Such a system makes outside walls completely movable. It's possible to remove one or more panels without changing the structure bearing features.
All this allows to couple 2 or more containers, in order to obtain real prefabricated constructions, and, if necessary, also to overlap more containers. Coupling and dividing operations can be performed at any wished time.

INSIDE WALLS

They are modular sandwich panels, mm.1000 width, composed of outside and inside galvanized pre-painted sheet (mm 0,5 thick) and injected polyurethane foam; total thickness mm.50. They are linked between them with PVC profiles.
Inside doors have an anodised aluminium frame and a plasticized wood wing.

OUTSIDE DOORS AND WINDOWS

They are in anodised aluminium, natural colour:
- One (or two) wing door with lock, handle and strip against dust.
- Sliding window with strip against dust.
- Wasistas window with inwards opening and strip against dust.
- Glasses thickness mm 4 or, if request, mm 4-6-4.

HIDRAULIC SYSTEM

The distribution networks is composed of polybuthylene pipes for cold and hot water. The system is equipped with taps and valves. Test pressure is 5 atm. Operating pressure is 3 atm.

ELECTRIC SYSTEM

Main lines, of a section suitable to the maximum expected load, are constituted by insulated vinyl-rubber cables and equipped with magneto-thermic and differentials switches.
Single control instruments, sockets, ceiling-lamps are connected to an earth circuit, which follows everywhere the supply network and which joins both to the construction earth plates and to an outside earth wire; electric lines are enclosed in PVC raceways.

LIFTING DEVICE

Four lifting rings welded to the roof frame give an easy handling of the container.

EXPORT “PACKAGE”

It is possible, to save money on transportation costs, to close containers as a “package”, constituted from roof and base frames (with, inside them, all perimetral panels, door, windows, partions, etc.), of same dimensions on plan chosen model.

FOUNDATIONS

Few concrete pillaring are sufficient to support all kinds of containers.

PLANNING CRITERIA

All main and secondary structures are planned as Italian standards:
If it’s necessary, AMES can make its planning to observe abroad standards (UBC, BS, etc.).
Being composable, this products can comply with any customer requirement.