



Composting centers

All over Europe, local communities are establishing more and more green areas. As a consequence, they are confronted with ever bigger quantities of compostable materials. On the other side of the coin, suitable landfill sites in which to dump bulky garbage become more and more rare. A solution to this environmental problem can be found in the creation of composting centers.



Government and industry requirements for composting centers vary according to whether the building is open or closed.

Open centers are fairly easy to handle. The structure is normally galvanized, roof and wall panels are coated with Plastisol or some similar highly resistant coating; no insulation is required. Due to the odours that can be emitted, such centers are usually only permitted in rural areas, far from human habitation or industrial zones.

A good example of this type can be found, not too far from ASTRON's Diekirch plant, on a site called Friedhof. In use now for some 7 years, the buildings belong to SIDEDEC (Syndicat Intercommunal pour la Gestion des Déchets) and are still in excellent condition without having required any special maintenance.

Closed centers are much more difficult to design due to the highly aggressive environment inside. Many precautions have to be taken including, but not limited to, the use of special, high quality paints both on the processing machinery and on the building components. They frequently demand a complete renovation of the entire installation after some 15 years of use.



Technical details:

Construction year:	1996
Type:	AZM-1
Dimensions:	several buildings
Surface:	± 11,000 m ²
Height to the gutter:	6.0 – 11.0 m
Roof slope:	10.0 %
Roof system:	PR, double sided Plastisol
Wall system:	PA, double sided Plastisol

General information:

Builder:	Scholtes & Brauch
Customer:	SIDEC
Architect:	IGW

Particularities of the building:

Roof purlins were galvanized, as per specification by tender (also ASTRON standard).

Advantages for the customer:

- Large spans
- High quality coatings
- One supplier
- Fast implementation of the project
- Freedom of internal layouts
- Good price/quality ratio
- Excellent quality
- ISO 9001 - Certification

A glance on more references



This closed center in **Schöneiche**/Berlin (D) was constructed by Heilit Umwelttechnik GmbH. Builder Heilit had already built a composting center in Oberhausen in 1995.



In 2004, Gérim built this composting center for SEDE ENVIRONNEMENT in **Tarascon (F)** using specially galvanized profiles. The two buildings (AZM1 and AZM2) have a total surface of 14,230 m²; the largest span is 43 m.



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