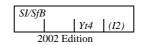
ésobande partition





TECHNICAL DATA

PRESENTATION

Waterstop profiles to be welded on PVC membrane, in order to make the partition in elementary compartments of the tunnels'extrados waterproofing ,inside which water penetrations will be confinated.

USES

Longitudinal and transversal partitions of waterproofing systems for underground constructions such as : tunnel, trench, hopper, basement, etc...

PACKAGING

Rolls of 25 metres or special lengths on request.

CHARACTERISTICS

Standard composition : Soft PVC compound.

Harness Shore A : 70 ± 3 Density : 1.24
Extension at breaking point :> 250%
Stress at breaking point :> 12 Mpa
Modulus at 100% of extension :> 6 Mpa
Conventional limitation of flexibility : 55° C

CHEMICAL RESISTANCE

Fresh, salt or sewage waters, diluted acids and bases, mineral oils, mildew and bacteria.

STANDARD TYPES

1- Transversal partition on expansion joint

Ref: DF 23 TU (translucent PVC)

Ref: FF 10/3 TU et FF 100 TU (grey PVC)

2 -Transversal and longitudinal partition on construction joints

Ref: AF 23 TU (translucent PVC)

3 - Relay partition (out of joint)

Ref: AF 13 TU (translucent PVC)

Ref: AF/FF 120 TU et AF/FF 50 TU (grey PVC)

ésope continental

PRESCRIPTIONS

1. Profiles

- The profiles will be submitted to the agreement of the Project manager
- The profiles will be made in translucent PVC, except special cases and/or, if the profiles remain exposed a long time to the effects of sun and external conditions.
- The profiles must be compatible with PVC membranes.
- The good quality of welding on the membrane must be checked by a preliminary test and give a medium peelable resistance up to 4 daN.
- The welding flanges of the profiles must be thin and wide enough to offer a good access to the automatic welding machines.

2. Pieces for intersections and junctions

- Pieces for intersections and junctions (L; T; X; etc) must be prefabricated in the factory by the Supplier.
- Welded edges will be trimed carefully

3. Welding and junctions

- The welding operations must be stopped by rainy weather and/or if the temperature is under 3°C.
- The welding between profiles and intersections pieces will be made on site with an electric heating blade
- The welding of the profiles on the membrane will be made preferably, with an automatic machine.
- The minimum width for a single welding will be of 3 cm.

4. Checking of the waterproofing system

4.1 By the Project Manager (French Standard: art.11.2.6. of the Fascicule 67 titre III)

- **External checking** on the quality by the Project manager or by a Supervisor operating for himself under contract.

4.2- By the waterproofing Contractor:

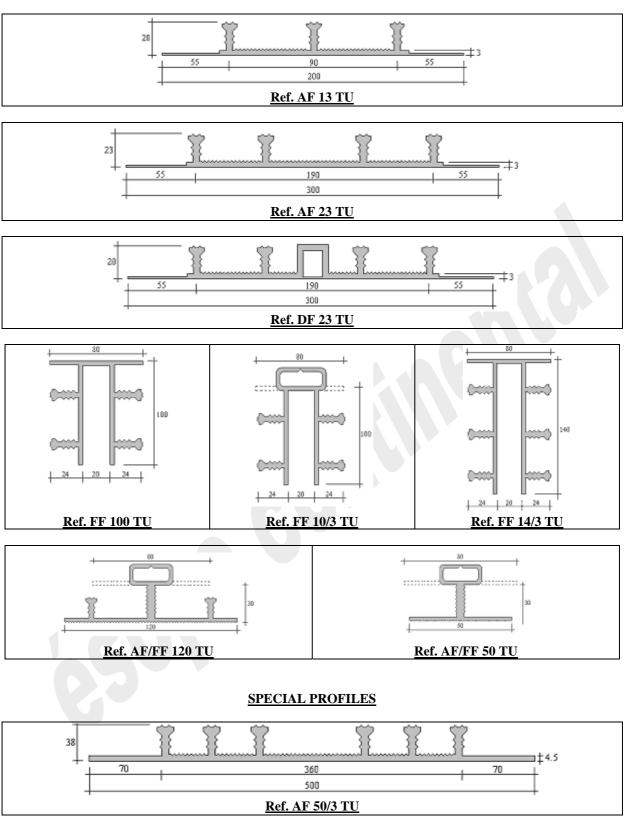
- Preparation of the Quality Plan.
- Internal checking on the work by the the Contractor's staff.
- External checking on the quality by an independent supervisor as the Contractor. chooses

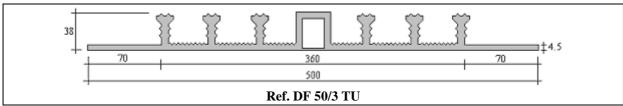
4.3- By the Supplier of the profiles and pieces :

- Checking on the dimensions of the profiles
- Checking on the rough material
- Checking on the quality of the profiles and pieces
- Identifying marks of the profiles indicating:
- * Site of production
- * Nr of production
- * Type of profile
- * Quantity

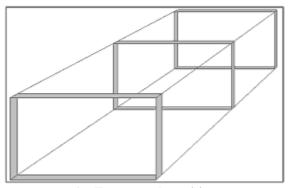
5 Storage

Profiles and pieces will be stored in a temperate warehouse at 10°C minimum, on pallets, with an opaque film as a protection from UV rays and rain.

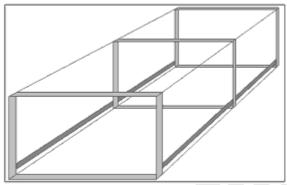




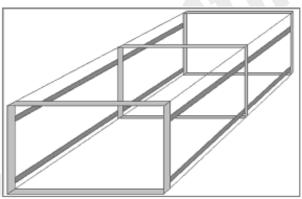
WATERPROOFING PARTITION SYSTEMS



1 - Transversal partition

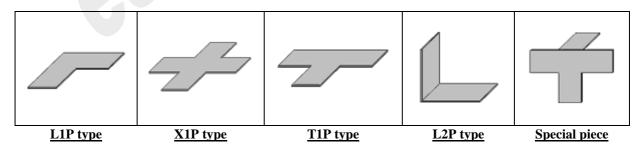


2 - Transversal and longitudinal partial partition



3 – Transversal and longitudinal complete partition

INTERSECTION PIECES



Length of the wings: 50 cm

The pieces can be homogeneous (with one single profile) or composite (with 2 or 3 different profiles)