

Platon P20

IP – P

March 96

The polyethylene blade with 20 mm. high granules



An efficient concept for drainage in high construction, underground and in engineering works.

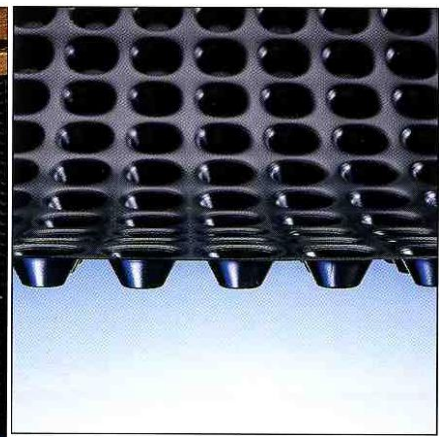
The model, based on P20 blade, allows for easy placement and later concreting without problems: the reinforcement is always well and safely placed.

Functions

- Surface drainage
- Reduces water pressure
- Waterproofing during the constructive phase to avoid damages in the items built later
- Lost formwork
- Static union between two constructive items for the transmission of compression forces
- Sliding layer between two constructive items
- 20 mm air layer.

Sectors of application

- Construction of tunnels
- Rehabilitation of tunnels
- Floors for computer rooms
- Industrial paving
- Warm air floors
- Cleaning layer
- Construction of ditches
- To ensure teardowns
- Rubbish dumps
- Parking covers



The model, based on plaques, of the P20 blade allows for easy placement and later concreting without problems; the reinforcement is always safely set.

P20 is also valid in lateral constructions, to fix wells (perforating axes, wall cracks and other types of construction); even if carried out in a precise manner, it is not tight. The only thing the

Platon blades do is to conduct the water to the drainage pipes, at the same time they constitute the lost formwork for the concreting in the inside wall, which stays dry during the work.

Data about the material

Material:	High density polyethylene, black	Permeability to water vapour:	9 x 10 ⁻⁷ g/m ² h Pa
Thickness of material:	1 mm	Water absorption:	0%
Height of granules:	20 mm	Thermal resistance:	from -30° to +80°C
Measurements:	2,23 x 1,36 m plaques 6,0 x 1,36 m plaques	Behaviour in light of action of biological agents:	Resistance to putrefaction decomposition, resistant to insects and parasites
Volume of air between granules:	14 l/m ²	Chemical resistance:	Resistant to all substances used in construction and that exist in the atmosphere.
Resistance to pressure:	Approx. 150 KN/m ²	Physiological behaviour:	Compatible with drinking water
Drainage capacity:	10 l/sm		
Behaviour in case of fire with Norm DIN 4102:	Normally inflammable B2, can be B1 upon request		

Exclusive Distributor:



HEAD OFFICE AND FACTORY

Zona Industrial - Pau Queimado - 2874-908 Montijo - Portugal
Tel.: +351 212 327 100 - Fax: +351 212 327 101

E-Mail: imperialum@mail.telepac.pt
www.imperialum.com



Manufactured by: Isola as, Platon Division, N-3670 Notodden, Norway