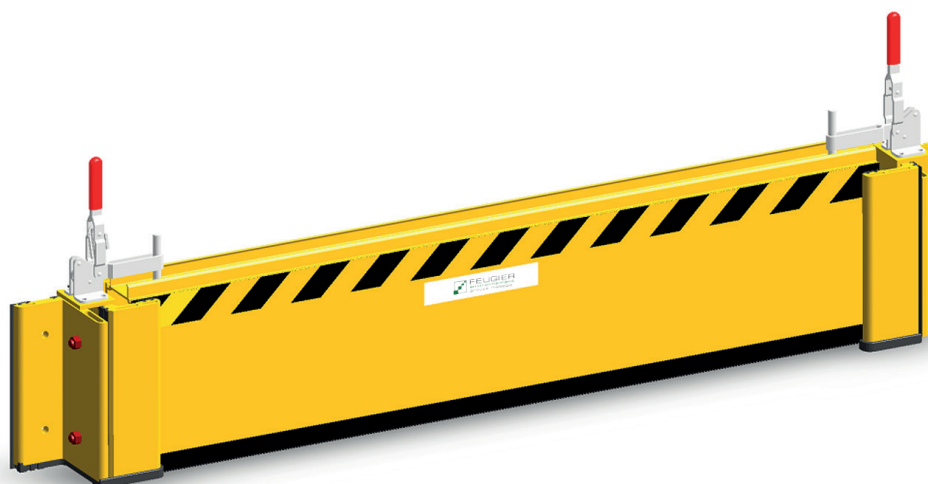


TECHNICAL DATA SHEET

# BIOGARD MANUAL BARRIER

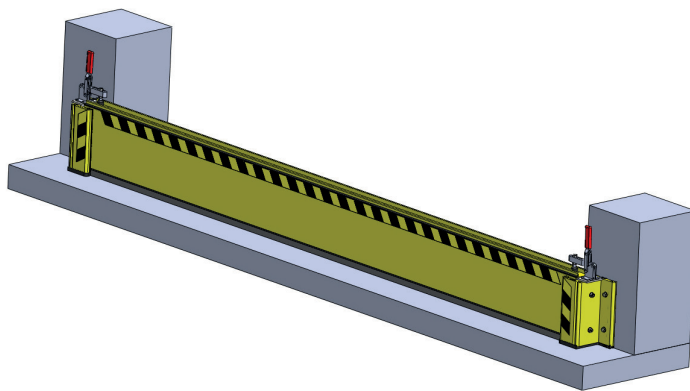


**Principle and Operation**..... **1**

**Technical Characteristics**..... **2**

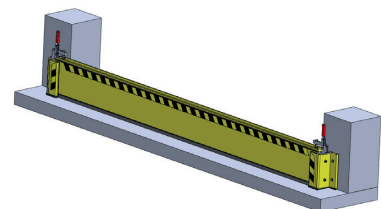
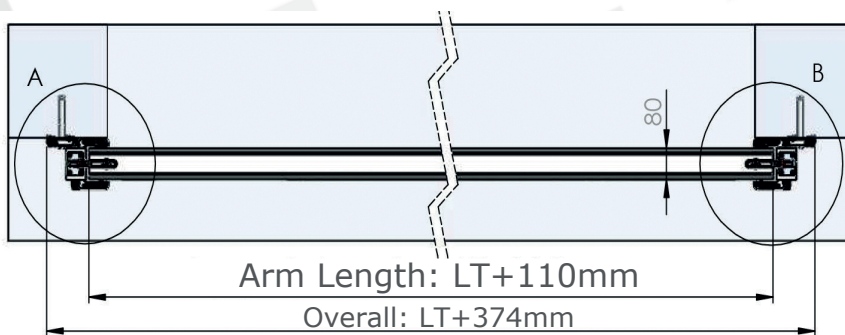
**Supports and Components**..... **3**

## PRINCIPLE AND OPERATION

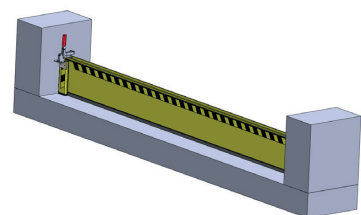
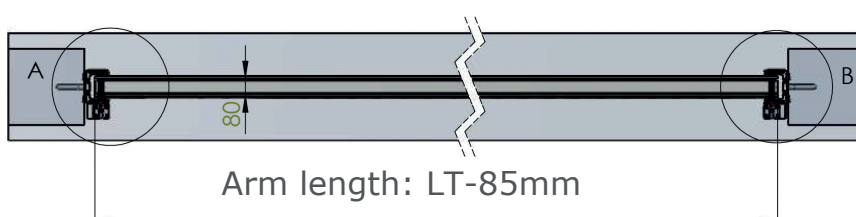


## INSTALLATION

### SURFACE-MOUNTED



### BUILT-IN





Standard protection height: 250 mm or 500 mm.

The protection device consists of posts pegged into supports, between which the modular barrier arm components are housed.

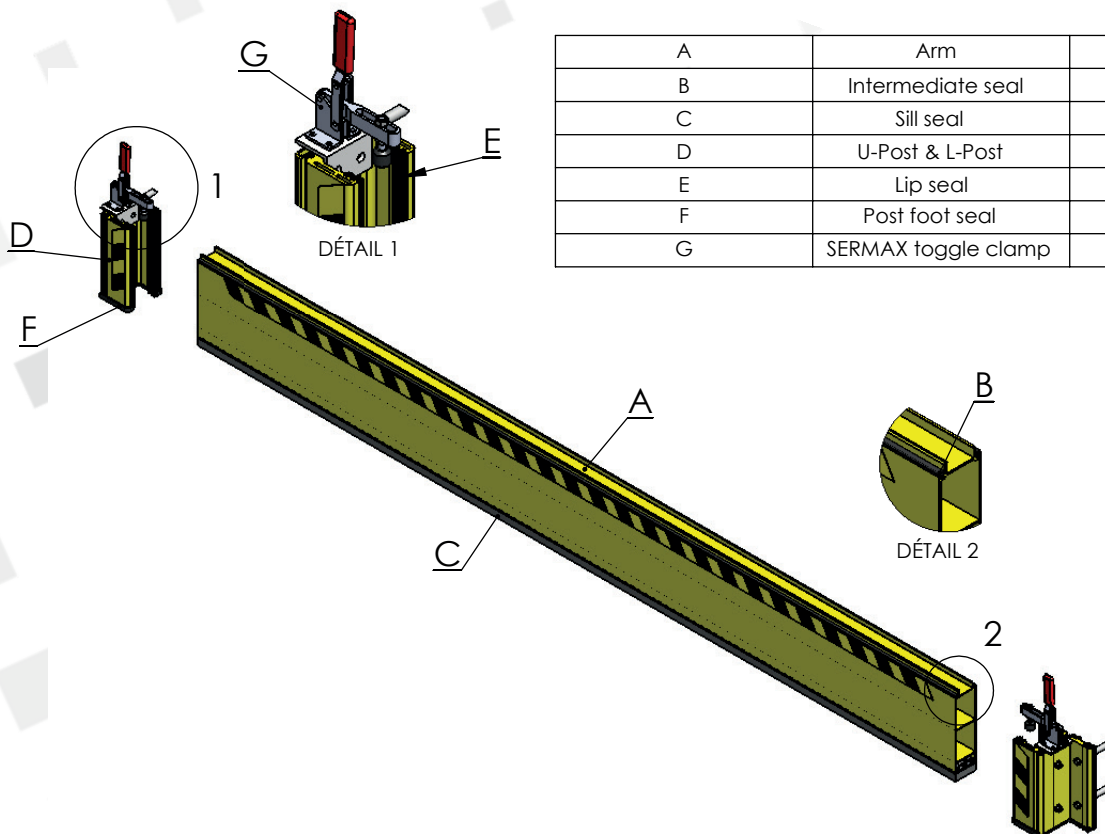
The components are made of marine grade 6005 AT6 aluminium. The seals are EPDM. The necessary compression is provided by mechanical toggle clamps.

## SUPPORTS

Flatness:

The surfaces of the supports mating to the seals must be perfectly flat.

Irregularities in the floor should be < 5 mm/ml over the length of the span.



A	Arm	Aluminium 6106T6
B	Intermediate seal	EPDM
C	Sill seal	EPDM
D	U-Post & L-Post	Aluminium 6106T6
E	Lip seal	EPDM
F	Post foot seal	EPDM
G	SERMAX toggle clamp	Galvanized steel

SEALS

The seals used are made of EPDM and highly resistant to industrial products.

PROPERTIES: RESISTANCE OF EPDM SEAL

Mechanical properties	tear resistance	<div></div>
	in compression	<div></div>
Aging resistance	to air and light	<div></div>
Resistance	to heat and cold	<div></div>
Resistance to liquids	hydrocarbons* (oil, petroleum derivatives,...)	<div></div>
	aliphatic solvents (white spirit, ethanol fuel,...)	<div></div>
	aromatic solvents (toluene, xylene,...)	<div></div>
	ketones	<div></div>
	chlorinated solvents	<div></div>
	water	<div></div>
	diluted acid detergents	<div></div>
	strong acids	<div></div>
	strong oxidizing acids	<div></div>

Excellent

Très bon

Bon

Assez bon

Moyen

Faible

\* *Special-request seals*

SEAL REPLACEMENT

Seals have a specific profile and quality.  
Please contact our customer services when replacing them.



FEUGIER  
environnement  
groupe metalpe

## CONTACT

■ Adress:  
ZAC de Longeret  
01150 SAULT BRENAZ  
FRANCE

■ Tel :  
+33 (0) 474 366 244

■ Email :  
[contact@feugier-environnement.com](mailto:contact@feugier-environnement.com)

