



## AX'Tag Urban

The AX'Tag Urban is an ultra-resistant RFID tag that remains readable despite its integration in concrete, allowing a reliable and durable identification of the consumable.

### Applications

- Production tracking
- Identify a consumable used in a construction (frame, vault...)
- Access to information about a construction site, such as the delivery note number, the originating plant, the commercial name of the concrete, the date and time of production.

### Functional specifications

Type	UHF
Frequency	865-868 MHz (EU) 902-928 MHz (US)
Air interface protocol	ISO 18000-6C EPC Class1 Gen2
IC type	Alien Higgs-3
Memory	EPC 96 bits (up to 480 bits) User 512 bits TID 64bits
Data retention	Up to 50 years
Write cycles	100 000 times
Functionalities	Read/write
Read range	1,5m

### Physical specifications

Dimensions	Length : 66mm, width : 28mm, height: 18mm Other dimensions on request
Tag material	ABS
Mounting method	Insertion in the mold
Applicable surface	In concrete
Color	Grey, other on request

### Environmental and industry compliance

IP classification	IP68
Temperature	-20°C a +60°C



V1.1  
Non-contractual datasheet