



**SPOT REPAIR**

**HOUSE SEWERS**

**MAIN SEWER PIPES**

**ACCESSORIES**

PARIS FRANKFURT LONDON MILANO BARCELONA BRATISLAVA SHANGHAI NAGOYA DUBAI PUNE DETROIT MEXICO CITY

# PIPE RENOVATION RESIN SYSTEMS



ISO 9001



ISO 14001

**Axson**  
TECHNOLOGIES



# EPOXY RESINS FOR CURED IN PLACE PIPE LINING

Axson had been formulating Epoxies and PUR materials for several high tech markets ranging from Automotive to Aircraft industries along decades and many geographical areas.

More specifically today, AXSON developed an epoxy range dedicated for construction and pipe renovation fields with same precision and commitment offering :

- both, filled and unfilled epoxies
- different sets of pot life/reactivity, for outdoor or workshop/machine application...
- fitting with generic parameters as temperature and mechanical specification compliances as well as some local certifications for pot ability or waste water...

## HOUSE SEWERS

- Permanent repair
- Various pot life available
- Odourless solvent free resin

### EPO 9050 :

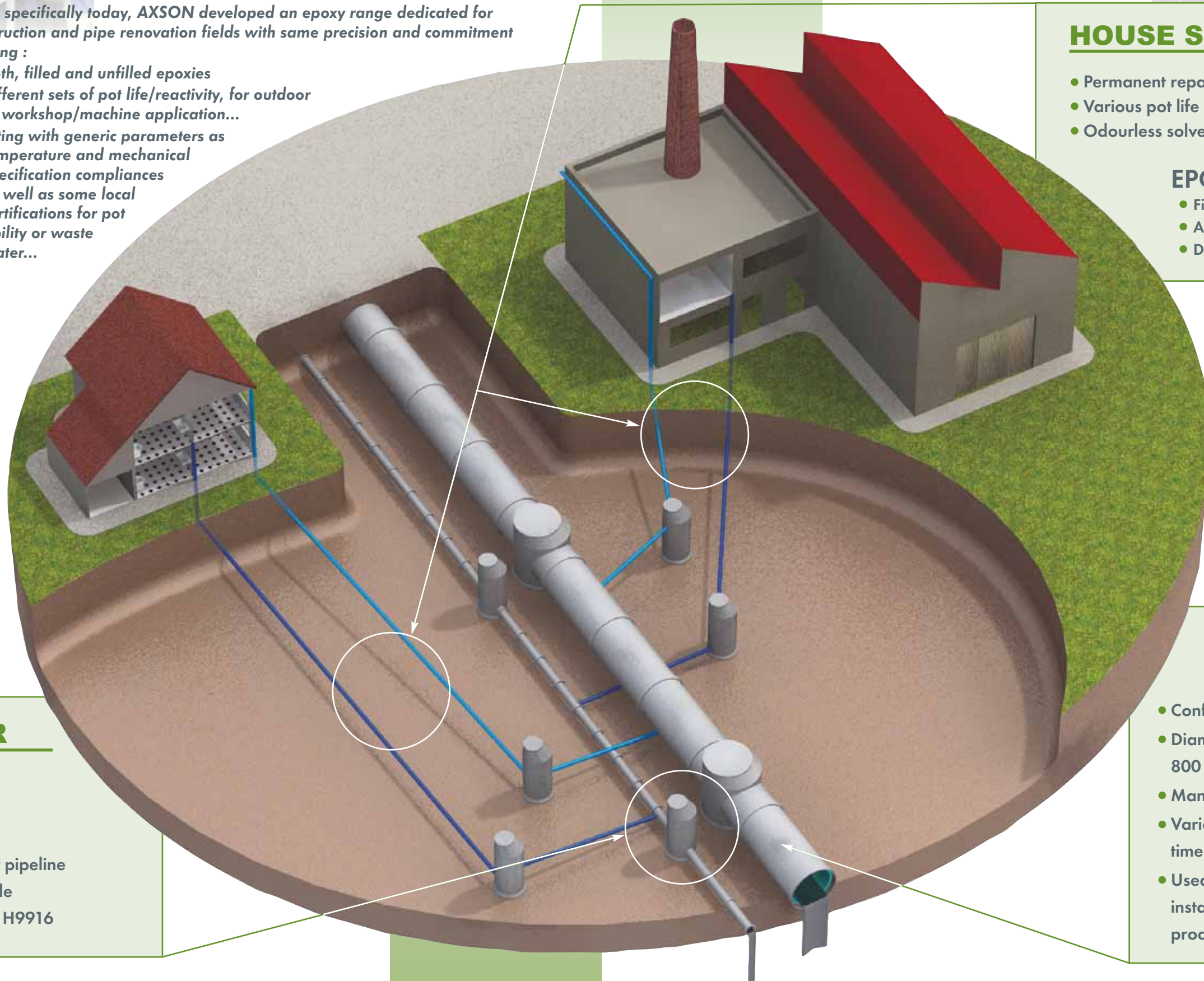
- Fire rating : M3 approved
- Ambient curing
- Diameter of pipe from 80 mm

## MAIN COLLECTOR

- Conform to ISO 11296-4
- Diameter of pipe from 200 to 800 mm
- Manual process or in machine
- Various reactivity and working time available
- Used technique: pull in place installation and inversion process (water or air pressure)

## SPOT REPAIR

- Fast setting time
- Reactivity, wettability
- Odourless
- Good adhesion on host pipeline
- Various pot life available
- Repair paste available: H9916



# Sewer, building and industry pipes repair and rehabilitation by CIPP lining technologies

## SPOT REPAIR

References	System	Pot life	Curing time
FP 9306	Polysilicate	6 min	45 min - 15°C
FP 9315	Polysilicate	15 min	75 min - 15°C

## HOUSE SEWERS, HOUSE SERVICE CONNECTION AND LATERAL CONNECTIONS REHABILITATION


### 2 K Epoxy systems

References	Curing - 1	Pot life	Curing time	Characteristics
EPO 9052	RT	20 min	4-5h/ RT	Fast curing
EPO 9102/9053	RT	20 min	5-6h/ RT	High modulus
EPO 9050	RT/ HW/ S	30 min	6-8h/ RT 1h/ 70°C/ S	Vertical application - M3 approved (NFP 92-501)
EPO 9102/9056	HW/ S	35 min	1h30-2h/ 50°C/ HW	High modulus, conform to ISO 11296-4
EPO 9204	HW/ S	90 min	1h30/ 50°C/ HW	Conform to ISO 11296-4

(1) RT: Room temperature, HW: Hot Water, S: Steam

## MAIN SEWER PIPES (MANHOLE-TO-MANHOLE) REHABILITATION

### 2K Epoxy systems – Steam and hot water curing

References	impregnation on place	impregnation on workshop	Pot life	Curing time	Characteristics
EPO 9204	X		1h 30	1h30/ 50°C/ HW	Small length, fast curing, conform to ISO 11296-4
EPO 9205	X		2h 30	1h30-2h30/ 70°C/ HW	Unfilled, 2K machine application
EPO 9100-1 	X		6h 30	2-3h/ 70°C/ HW	WRc <sup>(2)</sup> approved, conform to ISO 11296-4
EPO 9200	X		7h	2-3h/ 95°C/ S	Unfilled, 2K machine application
EPO 9100 NEW	X		8h	3-4h/ 95°C/ S	High modulus
EPO 9110/9101	X	X	10h	3-5h/ 70°C/ HW	Working time at +7°C: 1 day

(2) <http://www.wrcplc.co.uk/>

References	System	Application
H 9916	2K epoxy mastic	3/1 epoxy mastic, setting time at 15°C: 9h00
QUADRIAXIAL 1200	E Glass fabric	Spot repair application, compatible with polysilicate and epoxy.

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