

MASTERFLEX 820

(Formerly Atroseal M-5)

High performance hot poured fuel
resistant elastomeric joint sealant

Description

MASTERFLEX 820 is hot pouring system sealant with excellent adhesion to different materials such as: concrete, metal, wood and any other masonry materials. It has high resistance to: deterioration due to weathering, ultra-violet light, hot climate and hydrocarbons derivatives such as: fuel, grease, oil and gases.

Joint size

MASTERFLEX 820 joint size ranging from 10-50mm wide and width : depth ratio should be 1:1 to 2:1.

Typical properties*

* Properties listed are only for guidance and are not a guarantee of performance.

Specific gravity	1.35
Colour	Black
Consistency	Solid
Pouring temperature	120-150°C

Application temperature	>+5°C
Primer	Not require
Joint movement	Up to 15%
Standard	ASTMD 3569

Application procedure

As MASTERFLEX 820 is hot pouring sealant, it requires special indirect heating vessel, the temperature should be controlled perfectly by means of a thermostatic switch, otherwise there is a risk of overheating which may cause curing of the MASTERFLEX 820 prior to pouring.

Surface preparation

Surfaces must be free from any dirt, dust and loosely materials, any oil and grease must be removed. Surfaces must be dry.

Consumption

The table below shows amount of mastic required for each linear meter / litre

Joint Width (mm)

40	30	25	20	15	12	10	6	
		6.6	8.3	11.1	13.8	16.6	27.7	6
	4.1	5	6.2	8.3	10.4	12.5		8
2.5	3.3	4	5	6.6	8.3	10		10
2.05	2.7	3.3	4.1	5.5	6.9			12
1.6	2.2	2.6	3.3	4.4				15
1.25	1.6	2	2.5					20

Joint Depth (mm)

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Degussa representative.

Degussa reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality

All products produced by Degussa certified manufacturing facilities, are produced to conform to systems designed to meet internationally recognised quality standards.

04/2005 Degussa-IR

REQUEST AND REFER TO RECOMMENDED
INSTALLATION PROCEDURES FOR **MASTERFLEX**
SEALANTS PRIOR TO USE