
ATYS-JSW-800

Fuel Resistant Hot Poured Elastomeric Sealant

Description

A hot poured sealing compound, based on a combination of synthetic resins and coal tar.

When installed into horizontal expansion and construction joints it provides a flexible seal with resistance to fuel spillage and mineral oils.

Uses

ATYS-JSW-800 is used in particular for the sealing of concrete pavement joints where fuel resistance is required, such as:

- Aircraft hardstand lngs
- Parking aprons and hangars
- Maintenance bays and garages
- Vehicle washing-areas
- Re-fueling areas
- Stores for fuel oils

Advantages

ATYS-JSW-800 possesses the following beneficial properties:

- Good adhesion without primer
- Remains flexible at low temperatures
- Excellent resistance to grease, oil and fuels
- Unaffected by de-icing salts
- Resists attack from micro-organisms

Technical Data

Type: Coal tar synthetic resin combination

Density: ~ 1.4 kg/l

Movement capacity: 15% of the average joint width

Safe heating temperature: 160°C (Oil Bath)

Optimum pouring temperature: 120°C to 140°C

Service temperature: -20°C to +70°C

Storage: Keep away from direct sunlight and below 30°C.

Shelf life: 18 months from date of production if stored in unopened original containers.

Application

Joint configuration :

Minimum joint Depth : 10 mm

Width: depth ratio for expansion joints: 1: 1 to 1 :1.5

Width: depth ratio for construction and contraction joints: 1: 1 to 1 : 2

Surface preparation: All surfaces must be clean, dry and free from all loosely adhering particles. Priming is not required.

Heating: ATYS-JSW-800 must be indirectly heated in a thermostat-controlled oil-jacket melter or melter-pourer to a temperature of 150°C to 160°C.

Application: The correctly heated ATYS-JSW-800 is then poured without delay either from the melter-pourer or with a suitable can into the properly prepared clean and dry joints. Care must be taken that joints are filled from the bottom up, thus avoiding air entrapment.

As back-up material closed celled heat resistant PE- or open celled PU-rods of suitable diameter should preferably be used.

Important: ATYS-JSW-800 can only be heated once. All material in the melter must be used (placed in the joint) and then the melter vessel as well as the hose and pouring rod thoroughly cleaned, ideally with Solvent Naphtha. Only then must fresh material be placed in the melter and the heating/pouring process started again.

At the end of the working day, either all material in the melter must be poured into the prepared joints or the remaining ATYS-JSW-800 discharged and properly disposed of and melter vessel and pouring implements cleaned as mentioned above. Failure to do so will result in melter vessel, pouring hose and rod being blocked. Hardened material cannot be heated to liquid state again!

Exceeding safe heating temperature (160°C) will result in the destruction of ATYS-JSW-800 (hardening in the melter vessel).

Cleaning: Clean all tools and equipment immediately after use with Colman-Cleaner.

Important: Do not use for joints in bituminous paving. Not suitable for contact with drinking water.

Safety Instructions

Safety precautions: Wear goggles and gloves during application. In contact with eyes, rinse immediately with clean water and seek medical attention without delay. If swallowed or if vapors are inhaled:

remove to fresh air, seek medical advice and do not induce vomiting.

Remove immediately contaminated clothing after application. Wash hands before breaks and after work.

Ecology: In liquid state product contaminates water. Do not dispose of into water or soil but according to local regulations.