

REC FLEX 777

ELASTOMERIC HIGH PERFORMANCE HOT APPLIED FUEL RESISTANT PAVEMENT JOINT SEALANT

DESCRIPTION

REC FLEX 777 is a single component, hot applied, fuel and oil resistant sealant designed for use in all types of concrete pavement joints.

PRIMARY APPLICATIONS

- For sealing all types of joints in airport runways and aprons.
- For sealing all types of joints in car parks, and traffic decks.
- For sealing of all types of joints in warehouses, oil terminals, docks and harbours.

FEATURES/BENEFITS

- Suitable for all climate conditions, weathering UV resistant.
- Fuel and oil resistant.
- Excellent Movement accommodation in butt joints.
- Pourable and self-leveling.
- Good chemical resistant to wide range of mild alkalis, diluted acids and solvents.
- Outstanding resistance to petrol, oil and jet-fuel spillage.
- Maintains resilience and elastomeric properties even at sub-zero temperatures.
- Does not flow, bubble or blister at high ambient temperatures.

STANDARDS

- ASTM D3569-95, D3406-95, D7116-05.
- US Federal Spec. SS-S-1614, 167b, 1401b, 1614.
- BS 2499 : 1993 Type F1.

TECHNICAL INFORMATION

Appearance:	Thick fluid
Solid content:	100%
Colour:	Shiny black
Chemical type:	Pitch/PVC
Movement accommodation factor:	25% for butt joints
Specific gravity:	1.30 ± 0.05
Service temperature:	-20 to 70°C
Water resistance:	Excellent
Weather resistance:	Excellent

DIRECTIONS FOR USE

SUBSTRATE PREPARATION

- All surfaces should be clean of dirt, laitance, foreign matters and curing compounds. After cleaning, to control and maintain the required joint depth, heat resistant backer rod of an appropriate size should be placed in the joint to the required depth. Care should be taken not to puncture the backing rod during installation as punctures in the backing rod might create

bubbling.

PRIMING

- No independent primer is required.

MELTING

- **REC FLEX 777** should be melted in a special double-boiler, oil-jacketed melter equipped with agitator and control thermometer.
- The material should be heated to a minimum temperature of 150°C and should not exceed 190°C with a maximum 6 hours safe heating period.

PLACING AND FINISHING

- Extrude sealant into the prepared joint. The hot sealant should be slightly recessed to a minimum 3mm below pavement surface.

CLEANING

- All equipment should be cleaned immediately after finishing. Extruding equipment should be cleaned thoroughly using special flush oil.

SEALANT QUANTITY ESTIMATOR

JOINT SIZE MM	METERS PER LITRE
10 X 10	10.00
13 X 13	5.91
15 X 15	4.44
20 X 10	5.00
20 X 20	2.50
25 X 12	3.33
25 X 25	1.60
30 X 15	2.22
30 X 30	1.11

JOINT SIZE SUITABILITY

Joint width*:

- 40 mm (maximum in trafficked areas).
- 10 mm (*minimum*).

Joint depth:

- 12 mm minimum.
- 25 mm maximum.

PACKAGING

REC FLEX 777 is available in 25 kg packs and 230 kg containers.

STORAGE

REC FLEX 777 has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 35°C.

If these conditions are exceeded, Reckon Technical Department should be contacted for advise.

HEALTH & SAFETY

- Avoid inhalation of vapours and ensure adequate ventilation. Avoid contact with skin and eye. Gloves should be worn and the use of barrier cream is highly recommended.
- For further information refer to the Material Safety Data Sheet.

FIRE

- Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

WARRANTY: The Reckon Chemicals (Pvt.) Ltd. (Reckon) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Reckon, no other representations or statements made by Reckon or its representatives, in writing or orally, shall alter this warranty. Reckon MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Reckon product fails to conform with this warranty, Reckon will replace the product to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Reckon does not authorize anyone on its behalf to make any written or oral statements which in any way alter Reckon's installation information or instructions in its product literature or on its packaging labels. Any installation of Reckon products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Reckon's products for the Buyer's intended purposes.

RECKON CHEMICALS PRIVATE LIMITED
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE
Tell: +92-42-35452620, +92-42-35230419
Web: www.reckonchemicals.com
Email: Info@reckonchemicals.com

