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Division: 07
Section: # 079213

PLYFLEX 1200

ONE PART POLYURETHANE
SEALANT

DESCRIPTION

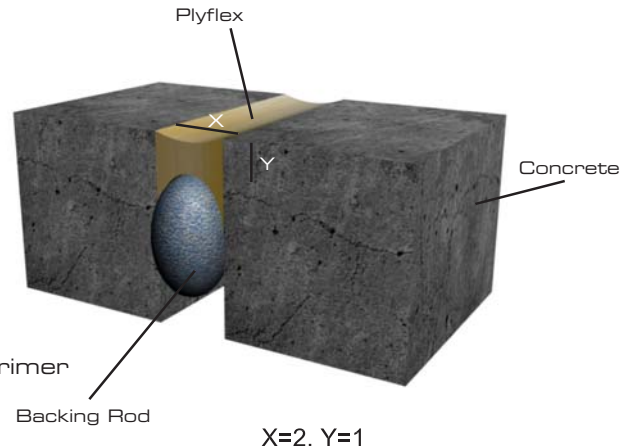
As in general use, one component polyurethane sealant cures with moisture, to form a tough & elastic seal with wide temperature application range. Plyflex is used for both vertical and horizontal applications.

APPLICATIONS

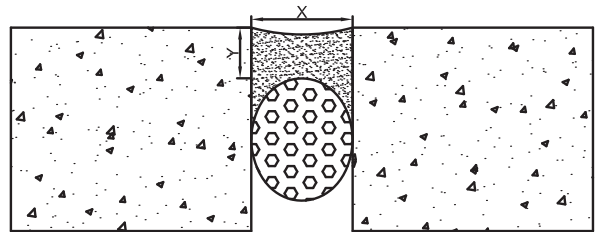
- Expansion joint
- Air conditions and ducting system
- Flashing termination and floor joints.
- Sealing joints around windows & doors.
- Water structures: Dam, Swimming pool, Reservoir.
- Sealing concrete control and construction joint.

ADVANTAGES

- Easy to gun and tool
- Bonds to most construction materials without a primer
- One component
- Weather & UV resistant
- Paintable
- Excellent flexibility for keeping movement joints weather tight
- No mixing, less labour
- Long lasting weather tight seal
- Complies with ASTM C920
- Excellent workability characteristics



X=2, Y=1



PHYSICAL AND CHEMICAL CHARACTERISTICS

Density:	1.35 gr/cm ³ , ASTM D1475 at 20°C
Hardness shore A:	25-30, ASTM D2240
Service temperature:	-45°C to 90°C, shock at 120°C
Application temperature:	5°C up to 40°C
Cracking & Chalking after heataging:	None, ASTM C792
Movement accommodation factor:	50%
Solids content:	100%
Width to depth ratio:	2:1
Touch free:	1-2 hours
Cure rate:	Approx 2-3 mm/day
Elongation at break:	>900%, ASTM D412
Tensile strength at 100% elongation:	2.5 - 3 N/mm ² , ASTM D412
Adhesion to peel (concrete):	>32N ASTM D1640
Resilience:	>90% DIN 52458
Toxicity:	No restrictions as cured.
Colors:	White, Grey, Beige & Black.
Applicable joint width:	Up to 60mm

SURFACE PREPARATION

All surfaces must be clean, dry and free from oil, grease and all loosely adhering particles.

PACKAGING

PLY-FLEX 1200 is available in 600cc sausages.

Shelf Life:
Minimum 12 months if stored in a dry and cool environment,

STORAGE

Store at temperatures between + 5°C and 25°C. Keep away from moisture and heat.

APPLICATION

PLY-FLEX 1200 is applied direct from the cartridge or the unipac with a suitable sealant gun.

BACK-UP

Use closed cell polyethylene profiles.

CODE	DESCRIPTION	COLOR	UNIT OF SALE	QUANTITY	BASE UNIT
PS112001	PLY FLEX 1200 One Part PU Sealant	White	Sausage	0.6	Liter
PS112002	PLY FLEX 1200 One Part PU Sealant	Grey	Sausage	0.6	Liter
PS112003	PLY FLEX 1200 One Part PU Sealant	Beige	Sausage	0.6	Liter
PS112004	PLY FLEX 1200 One Part PU Sealant	Black	Sausage	0.6	Liter

CONSUMPTION

Linear meter per 600cc sausage

width \ depth	5mm	10mm	15mm	20mm	25mm
5mm	24	12			
10mm			4	3	2.4
15mm					1.6

PLY-FLEX 1200 is manufactured in EU



EXPORT ORDERS: Product size and packaging may change slightly to accommodate export shipping requirements.
WARRANTY: We warrant our materials to be of good quality and will replace materials found defective, providing however, that the buyer shall examine the materials when received and promptly notify use of any defect before the materials are used or incorporated into a structure of which they are intended. Unless otherwise agreed to in writing, this warranty shall extend only to comply with specifications of materials manufactured and published by FLYDEX Company and made available to the buyer at request. We cannot warrant nor in any way guarantee particular methods, use or applications and performance, nor can we warrant that the materials will be suitable for any intended use. This warranty is in lieu of all others expressed or implied and may not be extended representatives, written sale information or drawings, nor do our distributors or salesmen or any representatives of distributors or of this company have any authority to extend any guarantee beyond that outlined above or to waive the limitations of the seller's liability.