

## TECHNICAL DATA SHEET

### PLUSOL-C-501-01

#### PRODUCT DESCRIPTION

PLUSOL-C-501-01 and PLUSNATE-C-500-01 is of double-component, reacting very quickly, solvent free, high pressure spray injection machines are applied with flexible and strong structure of pure polyurea systems. Polyurea used in constructions (Hotels, pools, shopping malls and such buildings) for waterproofing purposes. It can be applied to many areas such as pools, terraces, foundations, roofs and so on by connecting to the ground through primers and without having any problem of joints and adhesion.

Component A: Polyol: **PLUSOL-C-501-01**

Component B: Isocyanate: **PLUSNATE-C-500-01**

#### PHYSICAL CHARACTERISTICS

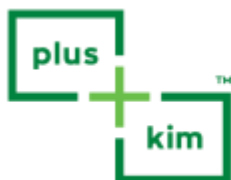
PARAMETER	COMPONENT A	COMPONENT B	METHOD
Viscosity, MPa.s, 25°C	300-600	100-300	ASTM D4878-98
Density, kg/m <sup>3</sup> , 25°C	0.98-1.10	1.10-1.25	DIN 51 757
NCO Content, %	none	16-17	
Shelf Time, Month	6	6	-
Storage Temperature	15-25°C	15-25°C	-

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## REACTION PROFILE

PARAMETER	RESULT
Ratio By Volume (A/B)	100/100
Pot Life (s)	4-7
Tack Free Time (s)	20-25
Hardness (ShoreA)	85-95
Abrasion Resistance (mg)	<200
Elangation Amount (%)	%350-450
Strenght At Break (mPa)	20-27

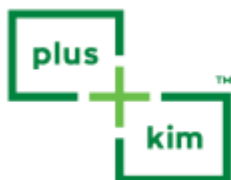
\*Tests are done manually in the laboratory. The test was done with the laboratory mixer at 3000 rpm. Component temperature set 20°C during the test. The given values will change for low pressure machine and high pressure machine. The given durations begin with mixing of the components.

## APPLICATIN FIELD

- Shopping Malls
- Food Facilities
- Cold Room Facilities
- Car Park
- Factories
- Special Equipments

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## STORAGE AND HANDLING

Materials should be stored in dry conditions away from direct sources of heat, preferably in the unopened original containers. Opened drums must be reclosed tightly immediately after drawing-off material.

## HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

Isocyanate and polyol component, respiratory organs, eyes and skin irritant. It can be allergic reaction, when inhale and in contact with skin. Attention should be paid when using these materials. MSDS information must be read before use. Waste Material Data Sheet Located Methods and Environmental Legislation should be disposed of in accordance.

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

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