

## TECHNICAL DATA SHEET

# DuroSeal HP85

Elastomeric Joint Filler

### INTRODUCTION

DuroSeal HP85 is a two-part hybrid polyurea, elastomeric joint filler. It is used to fill and protect joints in industrial concrete floors subjected to heavy hard-wheeled vehicles. It is also ideal for spalled joint repair, random joint filling and patching, etc. Unique properties of this elastomer are its rapid cure time and its insensitivity to moisture.

### PRODUCT SPECIFICATION

	ISOCYANATE PREPOLYMER (A)	POLYOL CURATIVE (B)
Specific Gravity at 25°C	1.03 – 1.09	1.02 – 1.08
Viscosity at 25°C (cps)	600 – 1000	1700 – 2400
Appearance	Clear yellowish liquid	Grey liquid
Hygroscopicity	Reacts with water and evolves In CO <sub>2</sub> gas	Absorbs water rapidly, thus changing The ratio

### MIXING AND CURING CONDITIONS

Isocyanate Prepolymer (A) (by volume)	100
Polyol Curative (B) (by volume)	100
Isocyanate Prepolymer (A) (pbw)	100
Polyol Curative (B) (pbw)	100
Pot Life at 25°C (mins)	3 – 5
Traffic Ready at 25°C	45 – 75

### PHYSICAL PROPERTIES

Properties presented below are to be used as a guide and not intended for specification purposes.

	MGP 168 Grey	Test Method
Hardness (Shore A)	80 ± 5	AS1683.15
Tensile Strength (MPa)	7.8	AS1683.11
Tear Strength (kN/m)	1.2	AS1683.12
Elongation (%)	341	AS1683.11

## **HANDLING PRECAUTIONS**

In case of skin contact, immediately remove excess, wash with soap and water. Fore eye contact immediately flush with water for at least 15 minutes.

In nose, throat or lungs become irritated from breathing in vapours, remove exposed person to fresh air. Call a physician.

Read the Material Safety Data Sheet.