

# MasterRoc MP 356

General purpose high density polyurethane foam

## Material Description

MasterRoc MP 356 is a two part system and general purpose rigid polyurethane foam for pour in place applications.

## Areas of Application

- Stabilising coal
- Consolidation of fractured rock, sands, and gravels and land-fill materials
- Repair of concrete cracks
- Not recommended for water stopping. If water stopping is required, please contact Master Builders Solutions

## Characteristics & Benefits

- Fast reacting material applied where structural strength and flexibility is required, both in dry and wet conditions
- MasterRoc MP 356 reacts and expands its volume without being in contact with water, foam factor 3
- Penetrates cracks wider than 0.15mm
- When in contact with water the foam factor may increase to about 8

## Technical Data

	PART A	PART B
Appearance	Clear, honey coloured liquid	Dark brown liquid
Brookfield Viscosity (cps)	480	250
Specific Gravity	1.04	1.22

## REACTION PROFILE

Laboratory results based on hand-mix @ 20°C

Mix ratio by weight (Part A : Part B)

Mix time (seconds)	20
Cream time (seconds)	40
Gel time (seconds)	90
Tack free time (seconds)	100
Free rise density (kg/m <sup>3</sup> )	245

## TYPICAL PHYSICAL PROPERTIES

Foamed density rise (Free Rise) (kg/m <sup>3</sup> )	245
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## Application

MasterRoc MP 356 is formulated for use where high density foam is required. The system can be manually drill mixed (at a minimum speed of 2000rpm) but is designed to be processed through a foam-dispensing machine.

## Packaging

MasterRoc MP 356 is available in the following packaging:

Part A	20kg drums 1150kg IBC's
Part B	20kg drums 1250kg IBC's

## Storage & Shelf Life

MasterRoc MP 356 Part A - Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. The packed product is not damaged by low temperatures or by frost. The packed product will not be damaged by high temperatures.

MasterRoc MP 356 Part B - Keep only in the original container in a cool, well –ventilated place. Protect from direct sunlight. The packed product is not damaged by low temperatures or by frost. The packed product will not be damaged by high temperatures.

MasterRoc MP 356 has a shelf life of 12 months.



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## Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

## Disclaimer

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this MB Solutions Australia Pty Ltd publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use and for ensuring that the application and use of the product is in accordance with the manufacturer's guidelines and recommendations.

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