

MasterSeal[®] 740WSF

Environment friendly water blown spray applied polyurethane foam for thermal insulation

DESCRIPTION

MasterSeal 740WSF formulated polyol is a low-density spray polyurethane semi-rigid foam system designed with all-water as blowing agent.

Excellent operationality, mechanical properties, good fire behavior, very low density and low thermal conductivity are the main features when it reacts with specially formulated isocyanate for the formulation. This system is quickly solidified by spraying.

As with any product, the use of the **MasterSeal 740WSF** formulated polyol in a given application must be tested (including field testing, etc.) in advance by the user to determine suitability.

TYPICAL APPLICATIONS

It is widely used in the insulation markets, such as industry building, storage tanks and house etc.

ADVANTAGES

- Environment friendly
- Does not contain blowing agent (CFC & HCFC free)

PACKAGING

MasterSeal 740WSF Part A is packaged in 220kg drums and Part B is packaged in 250kg drum.

APPLICATION GUIDELINES

Usually applied by Specialist Applicator. Please contact Master Builders Solutions Construction Chemicals for specific application assistance.

STORAGE AND SHELF LIFE

The shelf life for **MasterSeal 740WSF** is:
Part A - 5 months
Part B - 12 months

Store clear off the ground in unopened original packing, in a room well protected from moisture and humidity. Keep **MasterSeal 740WSF** cool in hot weather and warm in cold weather. The components are hygroscopic hence reseal containers after use.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advices consult Master Builders Solutions Technical Services Department.

MasterSeal[®] 740WSF

PHYSICAL / CHEMICAL PROPERTIES*

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|--|--|
| Mixing ratio | 1:1 by volume |
| Nominal density – BS EN 1602:1997 | 40kg/m ³ |
| Thermal Conductivity (Initial value) at mean temperature 35°C – ASTM C518-2010 | ≤ 0.023W/m ^{°K} 0.1622Btu-in/h.ft ² F |
| Odour emission - ASTM C1304-08 | No |
| Fire Classification | B3 |
| Substrate and ambient temperature | +5°C and 40°C |
| Relative humidity | <85% |

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational Health & Safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions 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.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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Disclaimer: the TUV mark relates to certified management system and not to the product mentioned on this datasheet



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