

## Specification Clause

### MasterSeal® NP 472

#### Description

**MasterSeal NP 472** is a high performance one component, moisture curing, polyurethane construction sealant. In properly designed and constructed joints the product has been formulated to offer a non - slump elastomeric seal, which exhibits good skin formation time and a fast cure.

Where indicated on the contract documents the elastomeric joint sealant shall be **MasterSeal NP 472** manufactured by BASF Construction Chemicals UAE LLC.

The product shall meet or exceed the following performance criteria:

Testing	Standard	Result
Resistance to flow	ISO 7390 ISO 7390	@ 23°C ≤ 3mm @50°C ≤ 3mm
Shrinkage	ISO 10563	≤ 10%
Shore A Hardness	ISO 868	15-20
E-Modulus at 100%	ISO 8339	0.15-0.20N/mm <sup>2</sup>
Elongation at break	ISO 8339 / ASTM D412	>500%
Elastic recovery	ISO 7389	>70%
Movement capability		±25%
Service Temperature		-30°C to +70°C
Volatile Organic Compounds (VOC)	SCAQMD	<80g/L

#### Standards

BS EN ISO 11600 Class F25LM on anodized aluminum and mortar.

ASTM C920 Type S, Grade NS, Class 25, use T1, NT, A and M.

Conforms to DIN 18540

**The product shall be manufactured by a company certified to confirm to the requirements of the quality, environmental and occupational health & safety standards of ISO 9001, ISO 14001 and ISO 45001**

The technical information and application advice given in this BASF 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.

For additional information please consult the product Technical Data Sheet.

BASF Construction Chemicals UAE LLC can provide a full project specification and method statement on request.