

AQUAFLEX ROOF 77: Product Information Sheet

Description:	Ready-to-use, flexible, liquid-applied membrane for seamless waterproofing of exposed surfaces.
Uses:	Waterproofing of roof decks, terraces, and balconies - car porch roofs - tiled floors - metal sheet roofs - cupolas and curved roofs - cement and clay tile roofs.
Advantages:	▪ Weather and UV-resistant ▪ Provides seamless waterproofing ▪ Easy application with roller or brush, even on irregular surfaces ▪ Flexible and elastic ▪ Suitable for light foot traffic ▪ Good adhesion on prepared substrates
Consumption and tools:	▪ Priming, 0.3 kg/m² (diluted 1:1 with clean water) ▪ Top coats, 0.5 kg – 0.6 kg/m² per coat (undiluted), 2 to 3 coats Apply with a long-haired roller or brush.
Packaging:	4 kg pail, 18 kg pail
Colours:	Grey / White
Storage:	12 months stored in a cool, dry place in the original sealed packaging. Protect from frost.

Product and application data: (at +23°C and 50% R.H.)

Consistency:	paste
Density (g/cm ³):	1.25
Dry solids (by weight, %):	63
Brookfield viscosity (MPa.s):	40,000
Application temperature (°C):	from +5 to +35
Waiting time between coats (hrs):	2 - 4
Ready for light foot traffic (hrs):	8
Ready for use (days):	3

Performance:

Elongation at break (%):	240
Tensile strength (N/mm ²):	2.2
Bond strength to concrete (N/mm ²):	1.3

Other Performance Characteristics: (for Aquaflex Roof 77 White)

Solar reflectance* (ASTM C1549-09) (%):	77
Thermal emittance* (ASTM C-1371-04a (2010)e1):	0.88
SRI (Solar Reflectance Index)(ASTM E-1980-11):	95

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION:

Aquaflex Roof 77 is not considered dangerous according to the current regulations regarding the classification of mixtures. It is however recommended to use gloves, eye protection and to take the usual precautions when handling chemical products.

Important notes

- This product is intended for sale through retail outlets only. While the products in our retail range are designed with knowledge gained from extensive project experience and conform to the highest MAPEI quality standards, they are not intended for use in commercial-scale projects. Therefore, no technical support will be attendant on the sale of these products.
- For product recommendations in projects requiring technical support and attendance, please contact MAPEI at mapei@mapei.com.my.