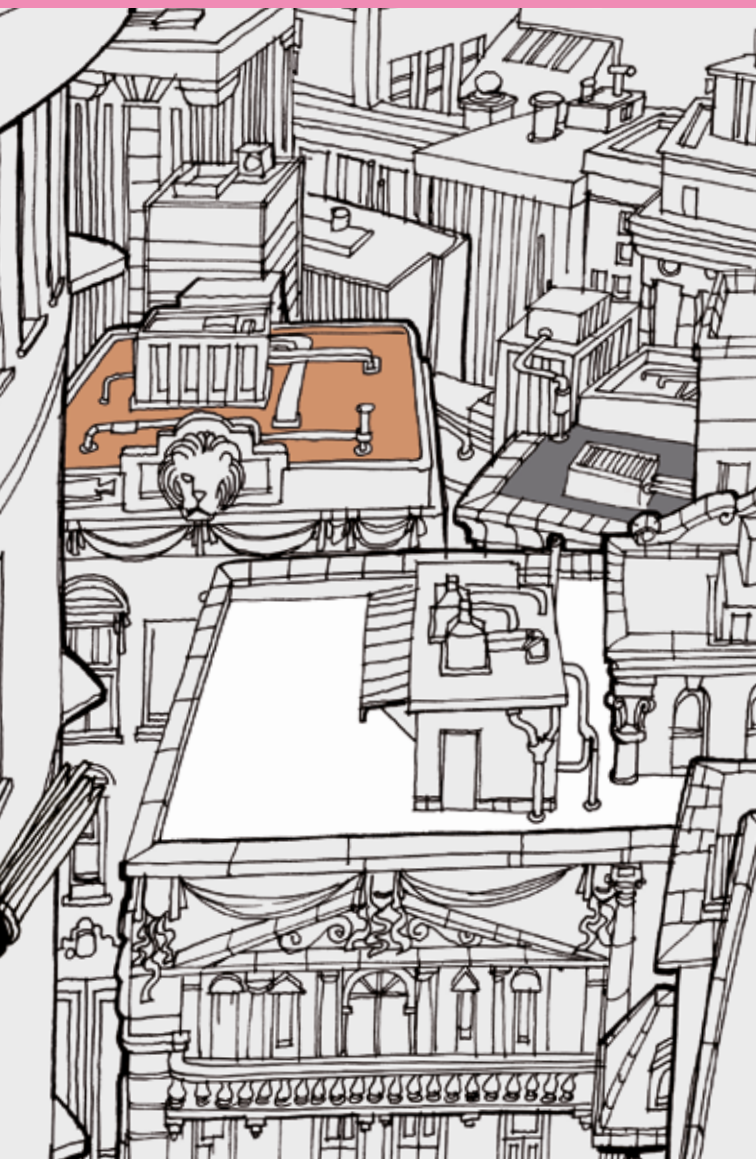


Aquaflex Roof Plus

**READY-TO-USE ELASTIC MEMBRANE
FOR WATERPROOFING**



Aquaflex Roof Plus



It is an **evolution** of traditional ready-to-use acrylic waterproofing membranes.

Thanks to its special formula, **an innovative system has been developed made from synthetic polyurethane-acrylic resin in water dispersion.**

WHERE CAN IT BE APPLIED?

On flat, sloping and curved roofs, both new and those in need of repair.

WHICH COLOURS ARE AVAILABLE (*)?

HR White

Grey

Brick red

(*). Due to the printing processes involved, colours should be taken as merely indicative of the shades of the actual product.



ADVANTAGES:

- **Higher elasticity** than traditional acrylic waterproofing membranes;
- **Quick drying**;
- **Offers better mechanical properties** when combined with **Mapetex 50** reinforcing mesh;
- **Ready-to-use**: easy to apply thanks to its special consistency and high stretching capacity;
- Durability classes: **5, 10 and 15 years**;
- **Zero VOC content**: complies with South Coast Air Quality Dept. Rule 1113;
- **CE marking**: complies with EN 1504-2;
- With **Mapecoat TNS** finish the system is accessible to **foot traffic**;
- **HR** version complies with LEED SS Credit 7.2 «**Heat Island Effect**».



WHICH TYPES OF SUBSTRATE CAN IT BE USED ON?



Concrete and **cementitious screeds**



Bituminous membranes



Ceramic and **stone coverings**

as well as:

fibre cement panels, metal

DURABILITY CLASSES:

- 1 Substrate
- 2 Primer
- 3 **Aquaflex Roof Plus**
(1st coat)
- 4 **Aquaflex Roof Plus**
(2nd coat)



- 1 Substrate
- 2 Primer
- 3 **Aquaflex Roof Plus**
(1st coat)
- 4 **Mapetex 50**
- 5 **Aquaflex Roof Plus**
(2nd coat)



Walkable layers

- 6 **Mapecoat TNS Urban**
(1st coat)
- 7 **Mapecoat TNS Urban**
(2nd coat)
- 8 **Mapecoat TNS Protection**

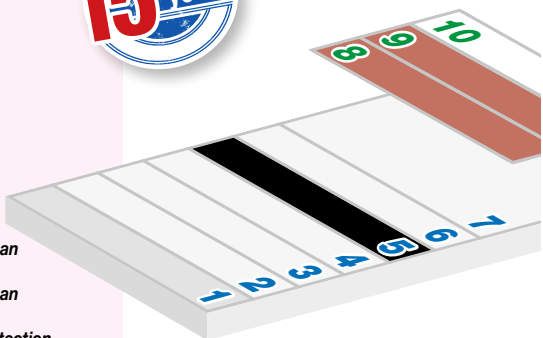


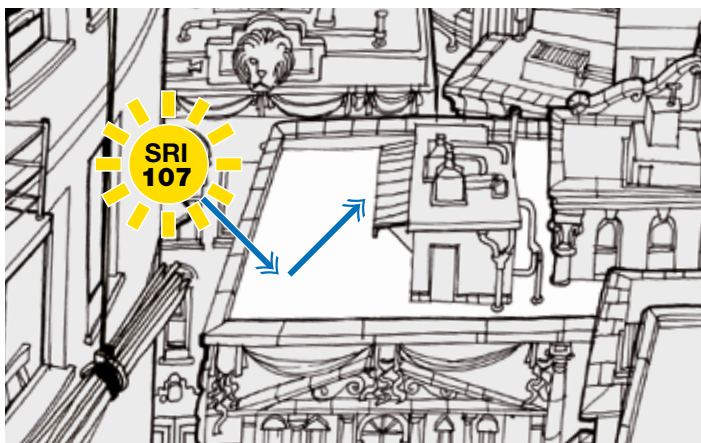
- 1 Substrate
- 2 Primer
- 3 **Aquaflex Roof Plus**
(1st coat)
- 4 **Aquaflex Roof Plus**
(2nd coat)
- 5 **Mapetex 50**
- 6 **Aquaflex Roof Plus**
(3rd coat)
- 7 **Aquaflex Roof Plus**
(4th coat)



Walkable layers

- 8 **Mapecoat TNS Urban**
(1st coat)
- 9 **Mapecoat TNS Urban**
(2nd coat)
- 10 **Mapecoat TNS Protection**





HR VERSION:

COOL ROOF. WHAT COULD BE BETTER!

The “Cool Roof” concept is playing an increasingly important role in combating and reducing the “heat island” effect in urban areas; but that’s not all.

Dark roofs absorb heat which increases not only the surface temperature of the roof itself, but also the temperature of the rooms below the roof. This increase in temperature leads to higher energy consumption to cool rooms down and, as a result, higher CO₂ emissions. At the same time, higher temperatures have a negative impact on living comfort inside buildings. A light coloured roof on the other hand, and a white highly reflective roof in particular, prevents such negative effects and offers the following advantages:

- high reflectance and thermal emissivity;
- reduced “heat island” effect;
- low service temperature of the roof = increased durability.

Properties certified by the **EELab** (University of Modena):

R=85%

(solar reflectance)

ε=90%

(thermal emissivity)

SRI=107

(solar reflectance index)



● **Technical documentation**

From the technical area menu you can view the technical documentation divided per product lines and type of document.

HEADQUARTERS

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