



ECOPAINT ANGOLA, LDA

GREEN ROOFTOP AND FACADE



WWW.ECOPAINT-ANGOLA.COM / GERAL@ECOPAINT-ANGOLA.COM / GERAL@ECOPAINT-PORTUGAL.COM

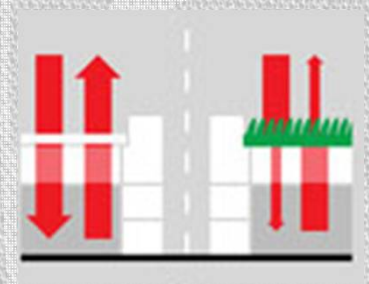
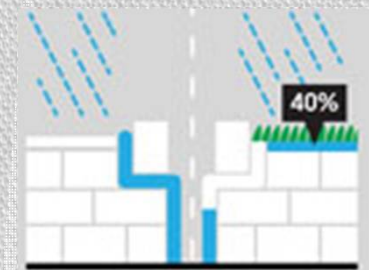
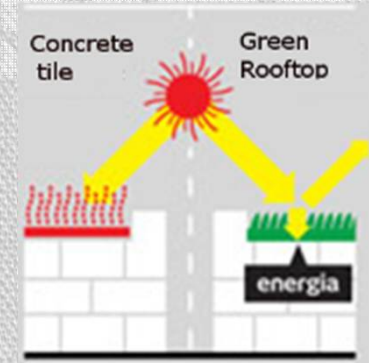
ECOPAINT – GREEN ROOFTOP

ADVANTAGES

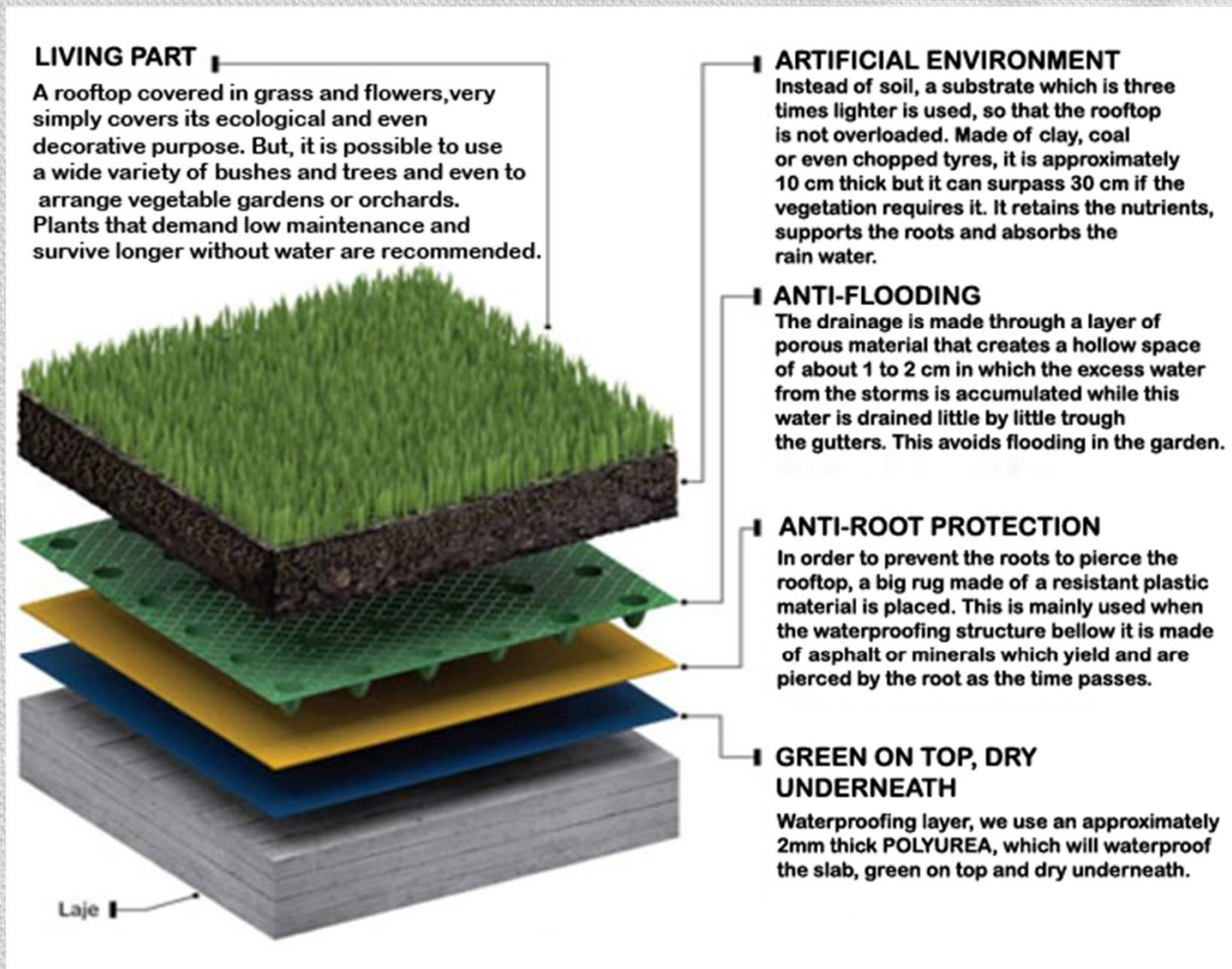
LESS HEAT: By touching the concrete, metal or clay rooftops the energy of the SUN is absorbed as heat. With the green rooftop a part of the energy is reflected and the other part is absorbed through photosynthesis, this results in a thorough reduction of the rooftop's temperature.

LESS FLOODING: With a conventional rooftop, 100% of the water from the rain flows to the street, as a result, flooding occurs, the gutters are clogged and the final result is more floods. With the green rooftop, during rainstorms or deluge, the gardens absorb 40% of the water and the remaining is gradually drained through the draining system.

THERMAL ISOLATION: The plants and the substrate used on the green rooftop work as a thermal isolation, decreasing the heat exchanges between the outside and the inside. During the summer, less heat goes in and the atmosphere is milder. During the winter the heat exits at a slower pace and the interior remains warm.



ECOPAINT – GREEN ROOFTOP



ECOPAINT – GREEN ROOFTOP



geral@ecopaint-angola.com / www.ecopaint-angola.com

ECOPAINT – GREEN ROOFTOP

PROPERTIES TABLE		
High density foam (kg/m ³)	ISO 845	29-39
Hardness of the Foam (40% compression measured in the 1st cycle)	ISO 3386-1	7-12 kPa
Swell test (Volume increase after 24 hours)		10-20%
Water absorption (in grams after 24 hours)		>*25
pH		6-8
pF 0 value	ISO 11274 (*)	60-80%
Water buffering capacity (pF 0 – pF1)	ISO 11274 (*)	40 – 60%
Microbiological resistance determination (**)	DIN EN 12225	100%
Oxidation resistance determination (**)	DIN EN 13438	100%
Chemical resistance determination (**)	DIN EN 14030	100%