

# CONFECTIONARY FACTORY ROOF IN GORDONA, ITALY

Gordona, Italy

2012

Factory

Roof Waterproofing System: LAM Sikalastic®-821 LV, Sikalastic®-621 TC SR

## PROJECT DESCRIPTION / NEEDS

Leaf Italy S.r.l (Sperlari) is a leading Italian company in the confectionery industry. The old roof of the factory needed to be refurbished so that it is waterproofed - the substrate consisted of an aged slated bituminous felt which has shown local infiltrations. Due to extreme weather conditions with large daily variations in temperature close the Alps the specified system had to feature high elasticity to resist thermal stresses. In addition an increase of the thermal efficiency was expected by applying a solar reflective coating to reduce cooling costs of the factory.



## APPLICATION / UTILIZATION

After a prior cleaning by high pressure hydro washing, approx. 20 mm self-expanding polyurethane foam was applied to the full area, in order to improve the thermal insulation properties. As basecoat Sikalastic®-821 LV was applied with a thickness of approx. 2 mm. Finally the top coat Sikalastic®-621 TC SR could be added by airless spraying.



Main products / systems used:

- Sikalastic®-821 LV
- Sikalastic®-621 TC SR

## CUSTOMER BENEFITS

The roof surface temperature decreased by ca. 30 °C, and the reliable liquid-applied membrane could fulfil the high expectations of the customer.

