

First Cool Roof for a National School

In Lima, Perú

Summary

- ▶ *The First Cool Roof for a National School* was a project held by the Peruvian national school N° 101 Shuji Kitamura, the PTA (Parent-Teacher Association) and MASPROTECTO united to protect their roofs from the effects of raining and sun.
- ▶ Lima, the capital of Peru, is an urban city, with a dry and humid weather and lack of green areas. In this way, the heat island effect is really strong over the buildings specially for schools where there are young students. Cool Roof is a simple and proven solution that can be replicated massively in Peru.
- ▶ MASPROTECTO is a Swiss Peruvian company specializing in giving waterproofing solutions in Peru, encouraging the use of eco-friendly roofing like the Green Roof and Cool Roof. As well as before we promote Green Roof, nowadays we are determined to promote the appropriate use of Cool Roofs in Peru helping to public and private organizations to understand the technical aspects to consider, as well as the materials and energy-efficiency standards for Cool Roofs in order to have all the benefits from them.

Inicial Stage



Inicial Stage



Inicial Stage



Inicial Stage



Volunteers - Parents and Teachers (PTA)



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Implementation of Drain System



Implementation of Drain System



Preparing surface



Preparing surface



Cleaning surface



Cleaning surface



Organizing rooftop



Before application of Cool Roof material



Before application of Cool Roof material



Application of Cool Roof System



Cool Roofs done !!!



Cool Roofs done !!!



Cool Roofs done !!!



Cool Roof: **Blanco** es el Nuevo Verde

MASPROTECTO

Soluciones en Impermeabilización y Aislamiento

