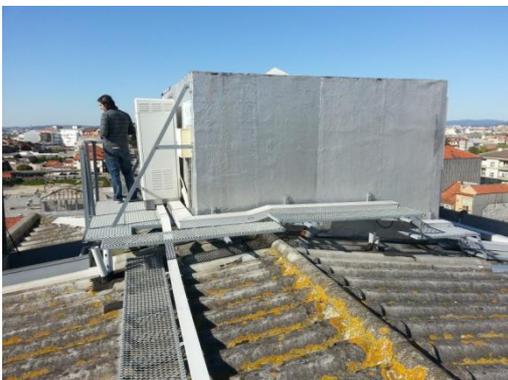


System Presentation

Fiber Cement Roofing Rehabilitation



Before

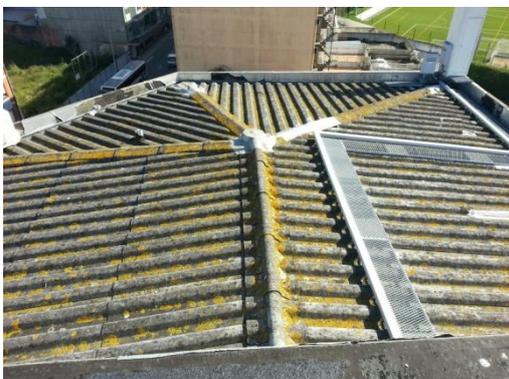
After

PRESENTATION

JPrudêncio is a company with over 30 years experience in the market of waterproofing and rehabilitation of buildings, having conducted numerous large-scale projects. Following a policy of growth and diversification, we have expanded in recent years, the scope of our services to sectors of the construction of industrial buildings and buildings for commerce and services.

The solution presented here is effectively implemented: we give attention to every detail and each accomplished roofing rehabilitation that is the reason for satisfaction for the company and for customers.

Example of roofing before the intervention



SYSTEM DESCRIPTION

In this solution the asbestos is not removed serving as a support structure for the system. The harm they cause is neutralized as it is completely sandwiched and inaccessible, and there isn't the possibility of releasing particles thereby eliminating the risk of inhalation or contact.

Resistant structure - using existing fiber cement roofing as the base system, allowing the use of efficient properties of fiber cement, reusing it without manipulating it.

Thermal Insulation - latest generation, with lower thermal conductivity to the extruded polystyrene and high compressive strengths, serves as a solid, uniform basis for application of waterproofing system. It is fixed with specific rivets that support the required pullout resistance, even in fiber cement deteriorated by aging. It is coated with a glass fiber felt for protection of the insulation to flames embedded in a bitumen blade for adhesion of the waterproofing membrane.

Waterproofing system - consisting of modified bitumen membranes, applied in two layers completely adhered, the last having a mineralized finish, which gives it resistance to UV's and some mechanical protection. Various colors available for the mineral finish.

During the execution of works



ADVANTAGES

Thermal - Excellent thermal insulation, that translates into energy savings. Suppression of thermal bridges.

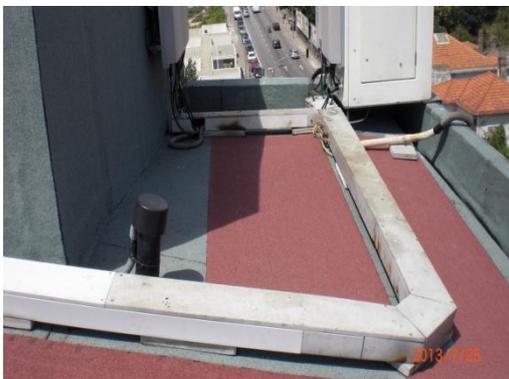
Waterproofing - Continuous system, rooftop, gutters, stairs enclosures or fireplaces box, which ensures complete sealing without risk of infiltration in case of flooding by clogging of stormwater outlets.

Operating - Reduced weight, use of efficient characteristics of fiber cement (fireproof, resistant to high temperatures, chemicals, microorganisms and good thermal, acoustic and electrical insulation), elimination of all risks inherent in the removal of fiber cement: release of harmful particles, exposure, fines that might occur, attributable to the project owner.

There is no risk of flooding during the course of the work, because this system is applied on the existing roofing, not getting the same unprotected or exposed to the elements at any stage of the process. It can also be made in sheet or concrete roofing systems.

Environmental - Risk reduction and environmental costs, since fiber cement is neutralized without being manipulated, thus avoiding the deposit in landfill. The system also provides increased longevity to the buildings.

Finished system



We rehabilitate harmful roofing systems to humans and the environment, transforming them into a high performance waterproofing system, thermal, aesthetic and environmental