

TEATRO MUNICIPAL – RIO DE JANEIRO – BRAZIL

Details of the **Teatro Municipal of 1909** in Rio de Janeiro. The iron roof and the ornaments above the entrance have been protected with **ZINGA**. The theatre is a copy of the Opéra Garnier in Paris. The lean-off roof above the box-office was heavily corroded and therefore very unsafe for the public. An inspection pointed out that the iron frame of the roof and the ornaments (the lion heads) consisted of a mixture of materials: galvanized steel, cast iron and soft iron. Here and there zinc rich paints had been applied. Everything that could possibly be removed, was brought to a workshop for welding, grit-blasting and Zinganizing. The rest was prepared and protected with **ZINGA** on site, on days of low relative humidity (< 80%). Once the whole structure was reinstalled, a chocolate brown silicone topcoat was applied on top of **ZINGA**. That was done in August 2008.



System:

ZINGA 1 x 60 µm DFT
Brown silicone topcoat



12 years later, exactly on 11th June, 2020, **ZINGA BRAZIL** made a condition survey. The brown silicone topcoat was still present, with only very few dripping corrosion from small spots.

