



## > Waterproofing Systems and Technical Solutions



### > UBS Bank – Geneva (Switzerland)

Structural reinforcement by applying LANKOSTRUCTURE® CARBO® carbon fibre-based strips

**Description of the project** : Structural reinforcement of the reinforced concrete slabs of the UBS bank in Geneva as part of conversion work.

**Problem** : Cutting holes in the floors and the creation of posts have resulted in out-of-line load takedown. The General Contractor was seeking a quick-to-implement solution (reduced time to complete the work), if possible not visible and very thin.

**PAREXLANKO solutions** : The solution adopted was the LANKOSTRUCTURE® CARBO® system. This procedure reinforces prestressed or reinforced concrete structures by applying carbon fibre strips using epoxy resin. The aim of reinforcement by application of composite strips is to increase the weight-bearing capacity of the structure.

Initially, the areas of the reinforced concrete elements to be reinforced had to be stripped and dusted. Bubble flaws in the concrete were then repaired by the company.

#### APPLIED PRODUCTS



- LANKOSTRUCTURE® CARBO®

#### ALSO

- 725 LANKODILPOX

#### > LOCATION

Geneva - Switzerland

#### > CUSTOMER

UBS bank (Geneva - Switzerland)

#### > MARKET SEGMENT

Civil Engineering

#### > SUBSEGMENT FUNCTION

Structural Reinforcement

#### > YEAR

2014

#### BRAND

**PAREXLANKO**

**PAREX**  
Building expertise, together