

Pipe & support protection

ROLLERKIT®



REPAIR TYPE
LOCATION
3X SOLUTION

PIPE SUPPORTS PROTECTION (DN500 & DN300)
FRANCE
ROLLERKIT®

OVERVIEW

The objective of the job performed in February 2019 by two 3X specialists was to protect 6 pipe supports (DN500 and DN300 models) using our **ROLLERKIT®**, product specifically dedicated to protect the area between the pipe and the support.

SCOPE OF WORK

After calculations, 2 **ROLLERKIT®** were necessary to protect the 6 supports. One **ROLLERKIT®** is made of 86 pads and can protect several supports depending on support model and size.

The repair was performed following 4 main stages:

1 SURFACE PREPARATION OF THE SUPPORTS using sandblasting in order to get a surface roughness $Rz > 60\mu m$. Hygrometric and roughness measurements to make sure that all satisfactory conditions are fulfilled. Degreasing and cleaning using acetone to ensure that the surface is completely free from residue.

2 ROLLERKIT® INSTALLATION. Cutting of the necessary pads number to be installed. Mixing and application of F3X8 filler on the overall surface of the support previously prepared. Impregnation of the **ROLLERKIT®** (on fiber glass side) with F3X8 filler.

3 ROLLERKIT® FIXING. **ROLLERKIT®** was then fixed on the supports using magnets to ensure it is not moving during F3X8 filler polymerization.

4 REPAIR CHECKING. Hardness measurements were performed 4 days after the implementation to confirm the good polymerization of the filler.

RESULTS

The job has been successfully managed by 3X specialists. All the **ROLLERKIT®** were installed on the supports and F3X8 hardness values were in accordance with 3X requirements.

The supports have been then positioned on site by the client. Pipes and supports are now protected from corrosion under support.



Figure 1: Roughness measurement on support sandblasted



Figure 2: Filler application on support
Figure 3: Filler application on **ROLLERKIT®**



Figure 4: **ROLLERKIT®** fixing on support using magnets



Figure 5: General view of the 6 supports protected with **ROLLERKIT®**