

CASE STUDY - Waterproofing

EXP2: Artificial Lake Base Waterproofing Lahore, Pakistan

It's one of the most prestigious projects in Pakistan. Customer wants to build an artificial lake near to National monument. But they had concerns about if the water may gradually damage nearby civil structure. So they decided to spray a protect material to get the lake base waterproofing.

Challenges:

The material applied to this work is Polyurea manufactured by Versaflex. Project was executed by Kansai Paints Japan and they initially deployed by one Chinese made equipment but faced lots of issues, such as off ratio Material & frequent break down. And they could not monitor the status due to the machine could not return any data. So customer need to find another product to complete this work in a short time.

Solutions:

Graco EXP2 served solution to all problems with accurate on ratio spray. Polyurea was sprayed over base, vertical walls & slopes. On top coat sand was sprinkled to make it rough for stone pasting. During the procedure, EXP2 performed stable, there was no breakdown happened. And also it sent back the informative data through ADM. So the contractors can easily saw the total consumptions of the material and other informative data.

Location:

Lahore, Pakistan

Contractor:

Kansa Paints Japan

Materials:

Versaflex FSS 45DC

Application description:

Mix ratio:1:1

Working pressure : 2800PSI

Products:

Machine: EXP2 with 150ft Hose

Gun: AP Fusion Gun

Accessories:T2 Feed Pumps



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Results:

Graco EXP2 met all requirements of customer to this project and worked accurately and efficiently during the whole procedure.

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