

## POLYUREA PROJECT



# NCI CHEMICAL INDUSTRY LTD TAMBOUR LTD

Project: Electrical company of Israel.

System: POLYUREA SUPERFLEX 441

Manufacture: NCI CHEMICAL INDUSTRY LTD

Supplier: TAMBOUR LTD

Contractor: RESHEF GROUP LTD

Applicator: ANAF COATINGS

Result: EVALUATION FROM CLIENT " EXCELLENT "

### PROJECT DESCRIPTION:

Electrical company of ISRAEL asked for a system for waterproofing of pools of water. The pools have been waterproofed with an epoxy system without good results.

NCI and TAMBOUR LTD suggest to Electrical Company of ISRAEL polyurea system SUPERFLEX 441. SUPERFLEX 441 polyurea system that is a continuous membrane without joints, with high Tensile Strength, hardness and elongation.

The system has been applied with high pressure machines (GLASSCRAFT MHIII /GRACO REACTOR H-XP3) in thickness of 3mm.

### Process in g took place in 4 steps :

The epoxy system has been removed by shot blasting machine.

All the damage concrete has been repaired with special construction materials from SIKA.

All the surface has been primed with epoxy system that been supplied by TAMBOUR LTD (Epicatalac SL epoxy primer)

SUPERFLEX 441 POLYUREA have been applied by high pressure machines in thickness of 3mm

Electrical Company of ISRAEL now they are happy that the concrete of the pools it's now protected with polyurea and they do not have to worry about corrosion or waterproofing of the pools anymore.



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Surface preparation



Surface priming



Polyurea SUPERFLEX 441

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NCI CHEMICAL INDUSTRY LTD and TAMBOUR LTD have a completed range of polyurea systems that can protect any surfaces for any application. We have big experience and we can give solutions to customers. Our expert's sales men and technicians can give the support at the whole steps of the projects. Our services, technical support, quality of the products are the brand names of our companies. We serve polyurea market since 2004 and we will keep developing and support new products for polyurea market.

More info for this project: 00972-546737614 (ISRAEL / TAMBOUR LTD / LIOR MALKA)  
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