

## Example of a Successful Application

### Major Floor Protection Upgrade

A Major Water Reclamation Plant (Sewage) in Europe has recently awarded a contract to the Unique Polymer Thistlebond Distributor in the area to completely refurbish their extensive floor area.



This SEWAGE facility is entirely UNDERGROUND and is one of the largest facilities in the WORLD. The facility is located on many different underground levels. This fact was also instrumental when the asset managers were searching for a reputable and well represented FLOOR COATING SYSTEM.

The area in question is over 6,000 square metres.

#### The Problem

Poor wearing capabilities of the present coating was causing concern to the plant operators and asset management team. This facility is REGULARLY visited by many delegates from all around the world to see this UNIQUE facility in operation so the COSMETIC appearance of the FLOOR area is CRUCIAL to the facility owners.



In the course of their visits the delegates have to walk through many many interlocking corridors, As this facility is TOTALLY underground, lighting and visual appearance are of paramount importance to the operators.

In many of the plant room areas where the circulating pumps are located, leakage from gland areas has caused unsightly dis-colorization to the existing polymer floor coating. There is also evidence of poor chemical protection by the existing floor coating.

Another problem is that many steel wheeled trucks are constantly travelling along these corridors. The wheels have also been causing damage to the existing floor areas.



### The Solution

Thistlebond High Performance Polymer Floor Protection System. (TPC620)

This excellent product was chosen, in the face of comparative competition, for its unique benefits that the customer decided would give many years of trouble-free and maintenance-free service.

TPC620 is a two component HIGH SOLIDS floor protection system. In many cases it can be applied in a SINGLE coat - thus enabling end users to make substantial and far-reaching savings in maintenance down-time, loss of production and application costs.

The end user required a STONE colour and we suggested the RAL7034 colour. After careful consideration this colour was their final choice.

The Manufacturer worked closely with Distributor to identify BEST colour availability. All departments were involved in this decision making process (Technical Support / Manufacturing / Sales).

Another benefit that the TPC620 can offer is EASE of MIXING and EASE of APPLICATION by both BRUSH and ROLLER delivery systems.

### The Application

Firstly the floor was thoroughly cleaned and lightly abraded to provide the necessary key for initial first-coat adhesion. Any areas that were badly damaged were also made good at this stage using other Thistlebond products.



The BASE:ACTIVATOR were then thoroughly mixed using the correct mixing implements.



The product was then applied by ROLLER to the prepared surface.



In the more difficult to reach areas, small rollers and brushes were used.



Due to HIGH TRAFFIC, some areas were designated two-coat systems. In this case a period of 24 hours was allowed before the second coat was applied. TPC620 has especially good INTERCOAT adhesion due to the UNIQUE manufacturing methods used by state of art manufacturing facilities in the UK.

#### The Result



The final appearance of the coating system was "STUNNING" and the end user was so pleased with the end results that FURTHER coating applications are already being negotiated!!



Please remember the next time you are walking across "the floor" - how it could be vastly improved in not only appearance and functionality but in lower maintenance and asset protection!!



For more information on this application and others in the "Good Ideas" section of this web site, please email [goodideas@thistlebond.info](mailto:goodideas@thistlebond.info)