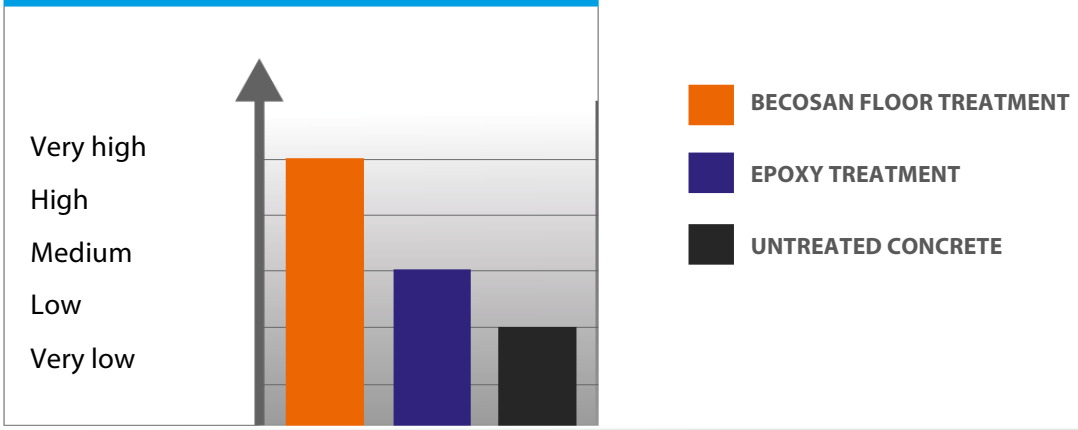
BECOSAN™

CONCRETE FLOOR TREATMENTS

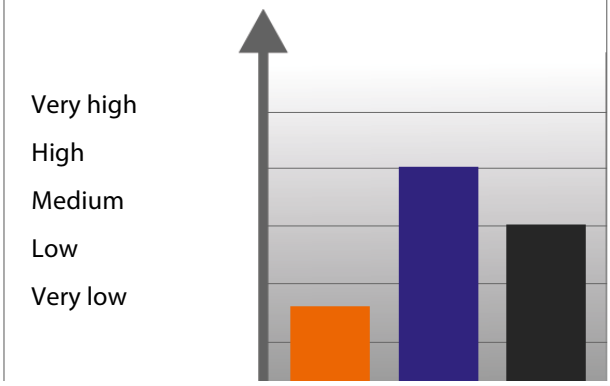
BECOSAN FLOOR TREATMENTS – FEATURES AND BENEFITS

Durability



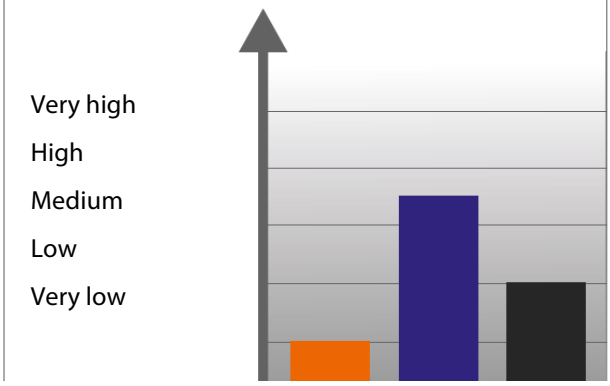
The BECOSAN floor treatment offers unbeatable durability. After installation and with a simple and low-cost maintenance regime, the polished concrete floor has an almost unlimited lifespan and will likely outlast the building itself. It is seen as one of the most lucrative flooring investment options you can make. The life cycle cost is about 70 % less than for traditional industrial flooring solutions like epoxy and painted floors.

Maintenance Costs



Maintenance costs for polished concrete floors are at a minimum level due to the fact that the surface after treatment becomes extremely dense and hard wearing. Floors with heavy traffic from trucks or floors with heavy foot-traffic are subjected to a lot of abrasions and with the BECOSAN floor treatment system, your floor will be better protected against these and will not delaminate and break up. When using epoxy coatings or paint, these have a tendency to scratch, peel & flake, often requiring expensive repairs or worst case scenario, re-application. With polished concrete these problems will be a thing of the past and save you a lot of money in maintenance. Furthermore, a significant reduction in cleaning expenses is a proven due to that fact that no chemicals and less cleaning passes are required.

Initial Installation Costs



Installation cost for the BECOSAN floor treatment system is very low, because it makes use of the products already present ie. not adding any harmful materials like epoxy to the surface. The process is very quick and depending on method for installation, between 500-1500 m2 can be installed per day, per machine, keeping labor costs to a minimum even for very large facilities. Furthermore, polished concrete can be put into service immediately after the process is complete and due to the cleanliness of the process and the lack of toxic or hazardous chemicals, floors can often be treated while the space is in full production-mode.

A Hydro Care Sarl concept

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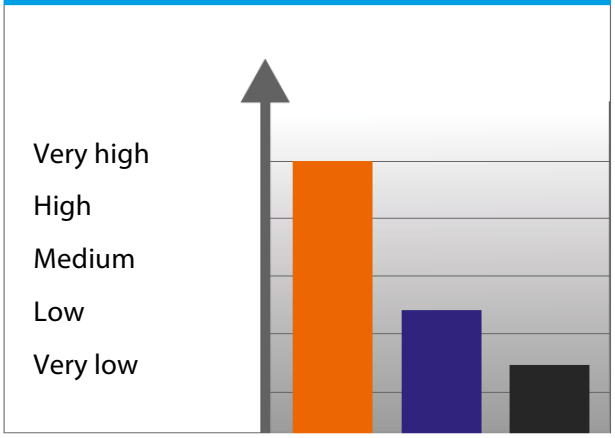
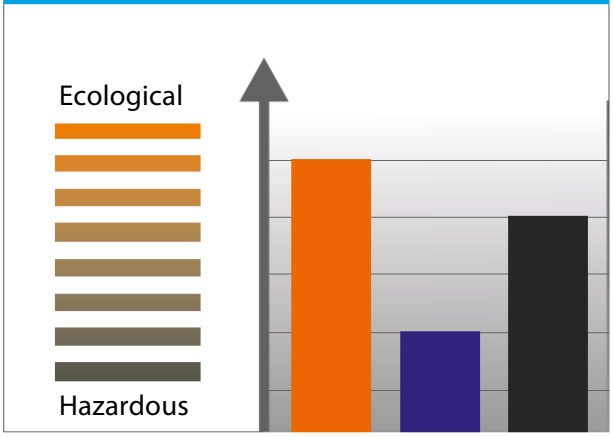
BECOSAN FLOOR TREATMENTS – FEATURES AND BENEFITS

Cleanability



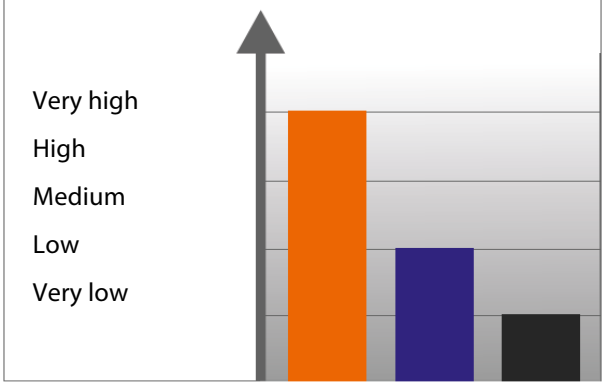
As you might know, untreated concrete floors are almost impossible to clean as the micro-roughness traps the dust particles in the cleaning process with water or chemicals. When the floor dries up, these particles will again be able to roam freely in the air and create a dusty working environment. With the BECOSAN floor treatment system you create better Health & Safety, and it makes the floor incredibly easy to clean using just water. For difficult marks created by fork-lift trucks etc. only a mild soap is required. Easy, efficient & cost-effective.

Sustainability



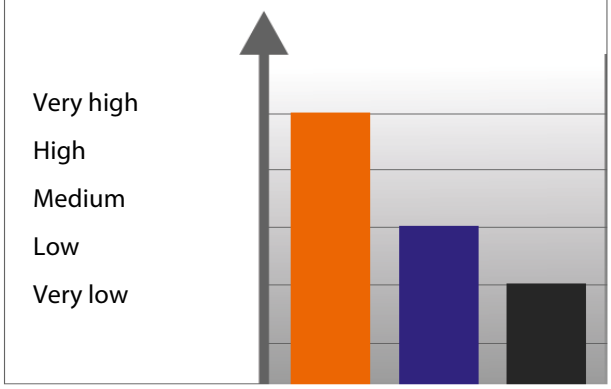
As most modern warehouses & production-facilities are built on a concrete slab today, the BECOSAN floor treatment system is considered a very good sustainable flooring option because it makes use of the materials already present. By grinding & polishing the exposed concrete substrate, you significantly reduce the energy consumption and materials consumed compared to epoxy coatings. Moving towards a greener future, this should always be considered when building or refurbishing industrial concrete floors

Health & Safety



With untreated concrete floors, tiny particles of dust are pushed to the surface through an upward force called hydrostatic pressure, resulting in constant dusting. When installing the BECOSAN floor treatment system this dusting will be eliminated and create a better working environment. This will improve health for everyone, especially people suffering from allergies will notice a remarkable improvement. And although the floor has a high shine and can look slippery, the fact is that by installing polished concrete, the slip- resistance or coefficient of friction (COF) is improved and stays in line with European guidelines (DIN 51130 and 51097.

Light Reflectivity



Because of the gloss you will achieve with the BECOSAN floor treatment, the space will become much brighter and the need for artificial lighting can be reduced. This will reduce your electricity bill and furthermore limit the output of Co2 by this reduction. Although no studies has been finalized yet on this subject, it is believed that a saving of up to 30% can be achieved.

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