

Thesis

Project 1: Plastic floorings with improved fire resistance

Company: Tarkett AB

www.tarkett.com



Extent

Masterlevel (20 weeks), suitable for one or two students working together.

Field of study

Relevant background at master or bachelor engineering level (such as chemistry, polymer, materials, physics etc).

Planned start and duration

At once or during 2013.

Task

Background

In many applications for plastic flooring the flooring system need to have a certain certified resistance to fire. In specific applications such as in the transportation segment (boats, trains and busses etc.) improved fire resistance has high customer value. Methods to improve the fire resistance include adding certain additives into the plastic system. The general need/trend on the market is to improve the fire resistance and at the same time use additives with less negative input to our environment (working environment as well as global environment). This represents a significant potential for new markets and higher customer values.

Objective for project

The objective of the project is to evaluate a number of new additives for improved fire resistance of PVC-based plastic flooring. The evaluation includes developing new recipes, making prototype products and test fire resistance and other relevant flooring properties.

About Tarkett AB

Tarkett AB is a part of Tarkett Group. Tarkett provides integrated flooring-, wall based- and sports surface solutions to professionals and end-users that measurably enhance both people's quality of life and building facilities' life-time return.

Cefur

Each of our integrated flooring and surface solutions cater to a very specific customer need. The space, how it's used, design choices, building norms and safety regulations, as well as budgets are all different – because every customer is unique and has highly individual needs. Today, across the world and day after day, people experience their lives at home, in public buildings, schools, hospitals, offices, and during sports- or leisure activities through a Tarkett floor.

At Tarkett Group, about 9.200 people around the world service customers and clients every day through sales representations in more than 100 countries and through our 32 production sites, which produce an average of 1,2 million m² of flooring every day. At Tarkett AB in Ronneby, about 550 people develop, manufacture and sell plastic flooring for different segments and applications.

More information about Tarkett is found here: www.tarkett.com

Location

Ronneby

Language

Swedish or English.

Expenses

Expenses might be reimbursed after agreement.

Please contact

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<http://www.ronneby.se/sv/sidowebbplatser/cefur/examensarbete/>

Application

Register your interest by sending your CV, cover letter, course list and references to the contact person at Cefur: martina.lindgren@ronneby.se
Application and selection is ongoing.