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Århus den 20. juni 2002  
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**Statement concerning gasses released from  
Excellent System's ramps and tiles in the event of fire.**

Excellent's tile system is produced from linear low density polyethylene (LLDPE), e.g. Flexirene MT 50 from Polymeri Europa.

The principal ingredient of LLDPE is ethylene. In addition to this there are smaller amounts of additives such as colour pigments, slip/release agents and stabilisers.

In the event of fire, LLDPE will burn in almost exactly the same way as a paraffin candle. Complete combustion results in the formation of carbon dioxide and water. When heated to temperatures far in excess of normal, LLDPE will, at about 300°C, start decomposing into primarily hydrocarbons, which are not decidedly toxic or aggressive.

It is therefore possible to conclude that gasses and combustion products from LLDPE can be viewed as being harmless and neutral as regards the environment.

Kind regards,  
Product Development

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## Regarding the COMFORT tile element of polyethylene

The tile elements are made of Low Density Polyethylene with a minor content of additives for the purpose to achieve good properties for processing and use.

By complete combustion of polyethylene almost nothing but carbondioxid and water is formed. No poisonous gases are formed.

No chlor or halogen compounds are involved that could give products of combustion in forms of acid gases or gases that could have any influence on the damage of the ozone layer at all.

By heating to temperatures far above normal operation temperature the polyethylene will start decomposing at approximately 300 C. Hydrocarbon is formed, which is not pronounced in the sense of toxicity of aggressivity.

As mentioned by combustion the polyethylene will be transformed into carbondioxid and water, and thus can be considered as neutral to the environment. No contribution to the damage of the ozone layer can take place.

Sincerely Yours  
Department of Plastics Technology

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