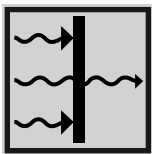


Renusol *InterSole* and *ConSole* Properties of high-density polyethylene (HDPE)



Recycling

HDPE is a multifunctional material that can be recycled many times over. Pulverized HDPE goes into the manufacture of our HDPE-based products.



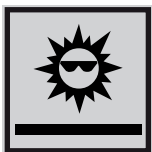
Low heat conductivity

Since HDPE will not conduct heat, no condensation forms on its surfaces. This makes HDPE particularly suitable as a roof membrane for roof-integrated solar systems.



Electrical resistance

HDPE is a plastic and cannot conduct electricity.



UV resistance

The HDPE we use is given its characteristic black colour by adding non-oxidized carbon. This procedure ensures that our InterSole and ConSole panels are resistant to UV impacts.



Waterproof

HDPE has a high resistance to the corrosive effects of acids or alkalis, making it an excellent sealing material.



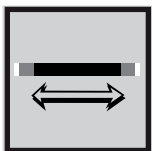
Impact and tensile strength

HDPE demonstrates amazing strength in the face of knocks and tensions. This is why it has been used reliably for decades as the material of choice for piping.



Temperature stability

After exposure to wide variations in temperature, HDPE always assumes its original shape. This is why our ConSole and InterSole plates can be used and stored without problems in temperatures ranging between -40° and $+85^{\circ}$.



Expansibility / Elasticity

HDPE can be shaped and bent without impairing its valuable properties in the finished product.