

# Viscosity reducers for PVC Plastisols

The Hydroseal Range



**TOTAL**

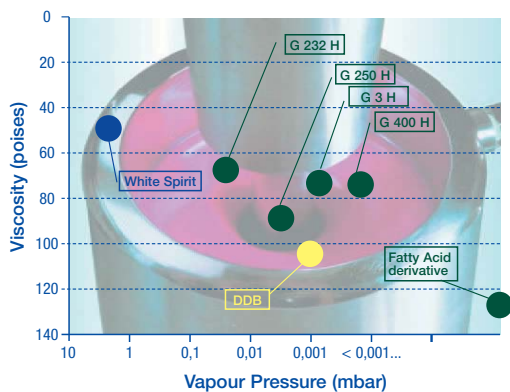
# Hydroseal - Viscosity reducers for PVC Plastisols

Total's Hydroseal range offers an unbeatable compromise between viscosity reduction efficiency, low process emissions and cost saving. The versatility of the Hydroseal range offers the formulator maximum flexibility & efficiency coupled with safe working conditions.

## The Role of Viscosity Depressants

When processing PVC plastisols, the viscosity of the formulation is of critical importance, as it is the principle factor in determining flow behaviour. Using Hydroseal as a viscosity depressant allows the formulator to establish a paste liquidity tailored to their process, ensuring consistent and high quality production.

The viscosity of a formulation can be affected by the mechanical stress it is exposed to during the production process or as a function of storage time. Hydroseal have been developed to offer long-term stable viscosity over a wide range of process conditions.



## Efficient & flexible products

Total has developed a range of products designed to bring both efficiency & flexibility to the formulators palette.

The characteristics offered by the Hydroseal range allow the formulator to choose the most suitable viscosity / volatility ratio for their application.

**Hydroseal offer the greatest possible viscosity reduction whilst significantly reducing process emissions.**

Flooring Top Coat - Viscosity Depressant = 5 pph (parts per hundred of resin)

## Lasting colour stability

Hydroseal products have been extensively tested to ensure stability & avoid yellowing even under the rigorous demands & high temperatures inherent in the modern manufacturing process.



## A versatile range

PVC Plastisols are present in an enormous range of products including flooring, wallpaper, artificial leather & coatings. Each application has specific production requirements, making Hydroseal ability to reduce viscosity across a wide range of formulation types indispensable, be they filled, unfilled or even foamed systems.



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