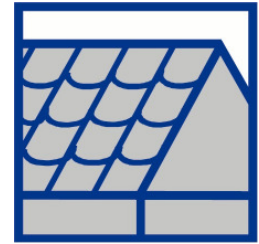


Plasticizers



ZUSOPLAST

Application

Plasticizers, acting as swelling agents, **increase the plasticity** of a body. These additives allow a **reduction in the percentage of clay** needed as well as **improving the properties of non-plastic materials**. Plasticizers are used in dry pressing and ramming mixes as well as in extruded bodies and can compensate for the lean properties of nonplastic materials.

Mode of action

Plasticizers from Zschimmer & Schwarz are based on **polysaccharides** and **high polymer cellulose derivatives**.

They utilise a portion of the available preparation water and **increase the workability of the body**, thanks to their swelling ability. On account of their additional function as a temporary binder, an **improvement in the green and dry breaking strength** is also obtained.