

# RECYCLING

EPS, EPE and EPP are free of heavy metals and other toxic substances. They do not contain any greenhouse gases, problematic chemical additives or any other environmentally unfriendly substances, and do not emit any such substances into the environment. Foam beads are 98% air. This makes EPS, EPP and EPE particularly environmentally friendly, thus enabling simple, complete recycling. Established collection and recycling systems return used parts and waste back into the raw-material cycle.

They can therefore be reused as thermal insulation in the construction industry (insulating material for insulating plasters, expanded polystyrene concrete and brick production), for soil improvement in agriculture or for remelting into compact polystyrene.



Of particular benefit to the environment is the fact that the specific properties of EPS, EPP and EPE allow the re-

peated use of the parts and also ensure a noticeable reduction in energy consumption and CO2 emissions.

SCHEDEL sends its clean, sorted material remnants to its own recycling facility for reprocessing.



Company recycling facility for comminuting Styropor® parts



Coarse comminution



Fine comminution



Recycled granulate for reprocessing

