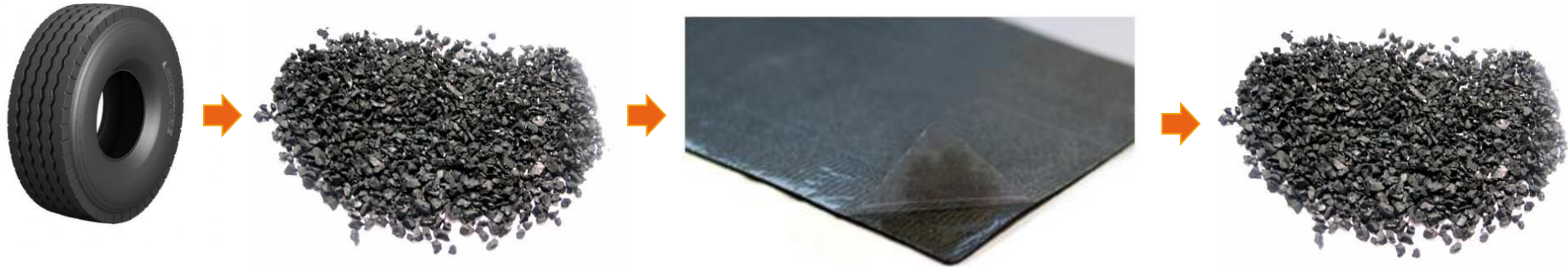


InstaLay - Acoustic Rubber Crumb Underlays

True cradle to cradle recycling (no down-cycling)



Truck Tyre

100% Recovery of rubber

Rubber content of tyre = 30%

Tyre weight = 45kg x 30% = 13.5kg (rubber weight)

85% weight of underlay is rubber crumb = 1.7kg/m²

$$13.5 / 1.7 = 7.9\text{m}^2 = \underline{1 \text{ tyre per } 7.9\text{m}^2}$$

$$\underline{1000\text{m}^2 = 127 \text{ tyres}}$$

Calculation based on IL50

Car Tyre

100% Recovery of rubber

Rubber content of tyre = 30%

Tyre weight = 10kg x 30% = 3kg (rubber weight)

85% weight of underlay is rubber crumb = 1.7kg/m²

$$3 / 1.7 = 1.8\text{m}^2 = \underline{1 \text{ tyre per } 1.8\text{m}^2}$$

$$\underline{1000\text{m}^2 = 555 \text{ tyres}}$$

Calculation based on IL50