



RECYCLING & INCINERATION OF HANDRAILS

Thermal utilization

To save natural resources, handrails can be burned in modern waste incineration plants to harvest energy out of the high energy value of the rubber.

Material utilization

Handrail materials can be separated and re-used, for instance, as reclaimed rubber in basic applications or the stretch inhibitor can be returned to steel raw material.

A common way of recycling the packaging foam (LDPE) is crushing, melting and processing in extruders.




Energy



Environment



Sustainability

Handrail material	Packaging foam
<ul style="list-style-type: none"> Vulcanised Styrene-Butadiene-Rubber / Chlorine sulfate polyethylene Steel Polyester staple fiber/EP160/cotton 	Polyethylen low density (LDPE)  PE-LD

Key numbers for waste handrails

- SN: 57501
- EU waste number: 191204
- Basler-convention: B3040



All specifications, numbers, calculations, test values, and data mentioned here – which are the basis for our customer consultation – are in accordance with the latest engineering standards. As the operating conditions have an influence on product application, it is the sole responsibility of the customer to check the application conditions of each individual case, and whether the specified quality criteria of our products are adequate for the intended purpose. Improper use, excessive loading, or exposure to impermissible media can impair the product's function. The pictures and graphics shown are only representative images. No liability is accepted for mistakes or printing errors, and data is subject to change at any time. Copying and distribution in any form whatsoever, in whole or in part, only with the express written consent of Semperit. © Copyright 2022 Semperit Technische Produkte GmbH. All rights reserved.

