



ARMACELL ECO-CYCLE

LET US TAKE CARE OF THE WASTE

 **armacell**[®]

CONSERVING VALUABLE RESOURCES

Throughout the world, the construction industry is one of the most resource-intensive business sectors and is responsible for 30 - 40 % of waste globally. In Germany, construction and demolition waste accounted for no less than 50 % of the total waste volume in 2010. Thus the building sector is not only the largest single source of global raw material use and responsible for 40 % of greenhouse gas emissions worldwide, but also the largest producer of waste. As yet reuse and recycling are only common for mineral materials, steel and copper.

The increasing scarcity of resources is one of the greatest challenges of our times. Whereas in the traditional economic system industrial processes run linearly – goods are simply disposed of when they reach the end of their lifecycle – in the sustainable recycling economy the aim is to restrict waste and use it optimally. Already very successful for paper and glass in many European countries, this practice is now being introduced in the construction sector.







AN ACTIVE CONTRIBUTION TO ENVIRONMENTAL PROTECTION

Armacell is now the first manufacturer of flexible technical insulation materials to take back off-cuts and feed them back into the production cycle. In this way building waste is reduced and valuable resources conserved. So together with you, our partners in the trade, we can actively protect the environment.

Outstanding environmental balance

At Armacell sustainability doesn't stop at the factory gates. As the world market leader for flexible technical insulation materials, which protect equipment against energy losses in millions of applications throughout the world, the company makes a significant contribution to reducing greenhouse gases. Armaflex saves 140 times more energy than is used in its production! Armacell is constantly looking for ways to reduce the raw material usage, energy consumption and waste rate in order to ensure that resources are employed as efficiently as possible. In 2015, it was the first manufacturer of FEFs to present environmental product declarations based on an independently conducted lifecycle assessment. These form the basis for planning green buildings in accordance with certification schemes such as LEED, BREEAM or DGNB.



More information on the LCA can be found on our website at www.armacell.com/epd



WHAT HAPPENS TO THE RETURNED MATERIAL?

It is much more difficult to recycle elastomeric insulation materials than PET, polyethylene or other thermoplastics. Armacell has developed a process which allows vulcanized materials to be used in the manufacturing of new products. Insulation tubes and sheets which do not meet the high quality standards are already fed back into the production process. Armacell's aim is to present products made entirely of recycled material very soon.



HOW DOES ARMACELL'S RETURN SYSTEM WORK?

Recycling off-cuts not only takes the pressure off landfill sites, it also reduces raw material consumption. In Germany, under the recycling and waste management act, the installer as the waste producer is liable for disposing of construction waste properly. With the Eco-Cycle return system Armacell offers its partners support in this task.

Your benefits:

- Everything from one source: one company, one contact point
- Excess Armacell materials are picked up directly from your site
- No need to sort the Armacell insulation materials
- No minimum quantities
- Time and cost savings compared to conventional disposal



Request Eco-Cycle bags

By phoning +49 (0) 251 7603-0
or sending an email to
ecocycle@armacell.com



Collect on site

Please note that we can only
accept clean Armacell insula-
tion materials.

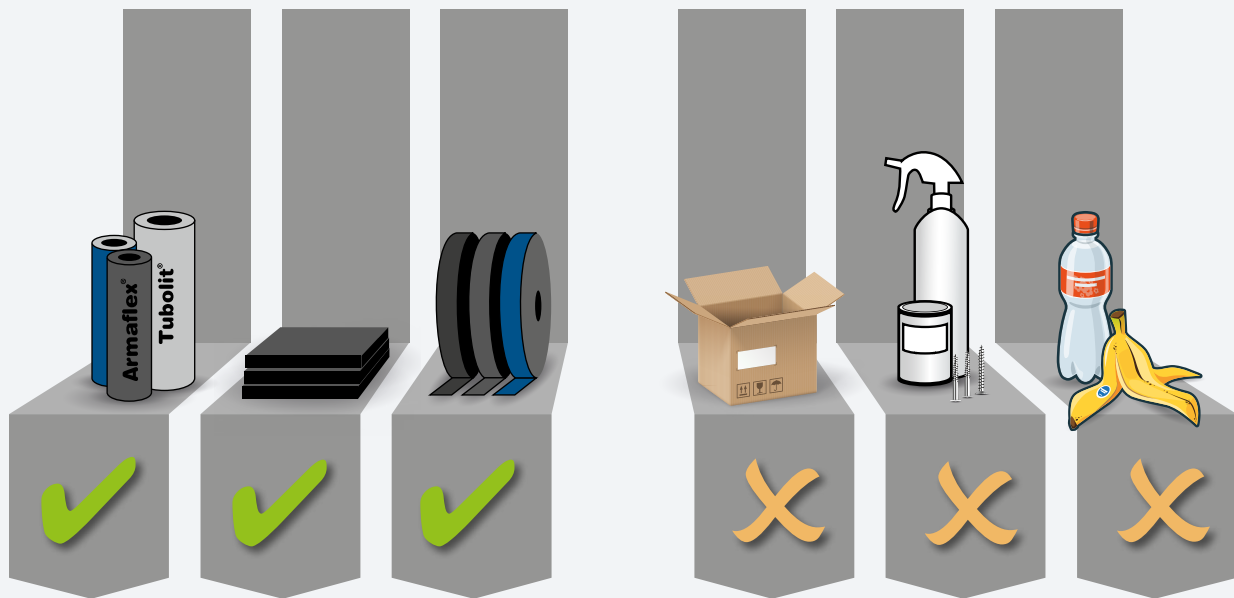
“With Armacell Eco-Cycle we are investing together in a better and sustainable future for coming generations.”



Arrange for a pick-up

Just give us a ring or send us an email and we'll pick up the filled Eco-Cycle bags.

WHAT ARE YOU ALLOWED TO PUT IN THE BAG?



ALLOWED:

All Armacell insulation materials such as:

- all Armaflex products (standard and self-adhesive sheets and tubes)
- all Tubolit products (with or without foil covering)
- all Armaflex and Tubolit self-adhesive tapes
- Armaflex Protect

NOT ALLOWED:

- soiled Armacell insulation materials
- ArmaSound, Arma-Chek and pre-insulated pipes
- products made by other manufacturers
- self-adhesive tapes such as Coroplast etc.
- mineral-fibre insulation materials
- metal of any kind
- empty adhesive and cleaner cans
- rubbish of any kind
- packaging material

ANY QUESTIONS?

You'd like to start straight away? Then just call us or send us an email. Our sales representative will be happy to answer all your questions on this topic.

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