

# REMOVAL INSTRUCTIONS FOR IKO ATELIA:

## Introduction:

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The first principle of IKO atelia roof systems is that of **“CIRCULAR SYSTEM DESIGN”**.

To that end we have ensured that the criteria which a circular roof system must meet have been applied to all IKO atelia circular roof systems.

Naturally, that always starts with the basics. The entire system is constructed in such a way that it can be dismantled at the end of its useful life without the individual components becoming contaminated by parts or residues of the other materials used.

The bituminous top layer of an IKO atelia system — either single or double-layer, and even when an overlay has been applied — can always be separated easily from the underlying IKO enertherm Atelia insulation material. This also applies to the vapour control layer used, which forms part of the chosen IKO atelia circular roof system. This way, the bitumen removed can always be used as a secondary raw material for new bitumen roofing materials.

This process can be repeated over and over again, making bitumen infinitely recyclable.

IKO enertherm Atelia PIR insulation removed at the end of the useful life of the roofing can be reused for various insulation applications while retaining its characteristics. Here again, no waste is generated at the end of the roof's service life.

In effect, during its service life, your building is already serving as a store of raw materials for the future. This is known as “Urban Mining”.

## Recommendations:

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These dismantling recommendations are non-binding and are intended to describe the dismantling of IKO atelia circular roofing systems after their service life.

All IKO atelia circular roofing materials (vapour barriers, underlays and top layers) are eligible for return, as are polypropylene grommets, or parts thereof.

Screws or other ferrous and non-ferrous materials may not be returned.

All further conditions (see <https://atelia.iko.com/>).



### **Dismantling recommendations for IKO circular roofing systems, one- or two-layer mechanically fastened:**

Cut the roofing membranes on planes and upstands free next to the fasteners, in pieces of up to 1 square metre.

Remove the polypropylene grommets under the pressure distribution plate part in order to remove the roof covering.

When the insulation is to be retained, the vertical part of the polypropylene grommet in the insulation does not need to be removed.

When the underlying insulation is to be retained, protective measures should be taken to avoid damaging it.

Roofing materials that have been bonded to the waterproofing in places such as upstands and detailing should be cut free as far as possible and removed.

Remove elements such as adhesive sheets and penetrations which cannot be taken back by IKO (lead, aluminium, zinc, etc.) from the roofing.

### **Dismantling recommendations for IKO circular roofing systems, loose-laid ballasted:**

Remove ballast layer of gravel and/or tiles.

Cut the roofing membranes in the plane free in pieces of up to 1 square metre.

At upstands cut them loose along the fasteners, in pieces of up to 1 square metre.

When the underlying insulation is to be retained, protective measures should be taken to avoid damaging it.

Roofing materials that have been bonded to the waterproofing in places such as upstands and detailing should be cut free as far as possible and removed.

Remove elements such as adhesive sheets and penetrations which cannot be taken back by IKO (lead, aluminium, zinc, etc.) from the roofing.

