

Frequently Asked Questions

What approvals and certification does Emcol IRR have?

Currently, there is no international performance specification or standard for cold-lay instant repair materials. There are a number of national approvals and certification schemes in existence and many of our licensees have been successful in having their products approved or certified under these schemes. For instance in the United Kingdom, the Highways Authority has established guidelines for the approval and certification of permanent cold-lay surfacing materials - the HAPAS scheme. Emcol's UK manufacturing licensee has its product approved under this scheme.

Don't cold-lay products provide just a temporary repair?

Many cold-lay products on the market are suitable only for temporary repairs. Emcol IRR is a permanent solution to potholes and has proven to last in excess of ten years in numerous countries. Having to repeatedly replace less-sophisticated cold-lay temporary repairs results in a greater overall cost compared to using Emcol IRR.

How can I ensure consistent product quality?

Emcol Mixing Liquid (EML), the binder supplied by Emcol International to licensees, imparts many of the key performance characteristics to Emcol IRR. EML is manufactured at a dedicated production plant to ISO 9000 standards. Emcol IRR is manufactured by combining EML with selected aggregates. In addition, aggregates sourced locally by licensees are analysed in Emcol's laboratories to ensure they have the properties required to create a suitable repair compound.

How long does it take for Emcol IRR to harden (cure)?

The curing time is dependent on a number of factors, including:

- evaporation of the solvent present in IRR
- compaction of the material in the pothole.
- climatic conditions
- depth of the repair

Emcol IRR will show signs of hardening in the space of one day. One of the key benefits of using Emcol IRR is that repairs are able to be opened immediately to traffic.

What area will a bucket of Emcol IRR cover?

One bucket of Emcol IRR (25kg) would fill a hole 1 metre sq. with a depth of 11mm. Emcol IRR is the perfect solution to potholes. It is not recommended, however, that the material is used to make very large repairs, where the cost becomes prohibitive for the customer.

Can Emcol IRR be used on any surface?

The material can be used to make repairs to roads made from asphalt, concrete or macadam. Emcol IRR also abuts well to steel and so can be used for bridgeworks.

How do I apply Emcol IRR when making a repair?

The application process is simple but it is important to follow these key steps:

1. Sweep any water and loose debris from the hole
2. Fill the repair with Emcol IRR; fill above the height of the hole.
3. Compact the material tightly into the hole.

How can I purchase Emcol IRR?

We have a network of manufacturing licensees around the world selling Emcol IRR. We can give you contact details for your closest licensee and they will be happy to supply you with product.

Does Emcol International offer guarantees?

As we only supply Emcol Mixing Liquid and not the finished product Emcol IRR, we are not in a position to offer guarantees. However, some of our existing manufacturing licensees offer to guarantee their products.