

**VA EVO
ADDITIVES**

AMBAR KP-20

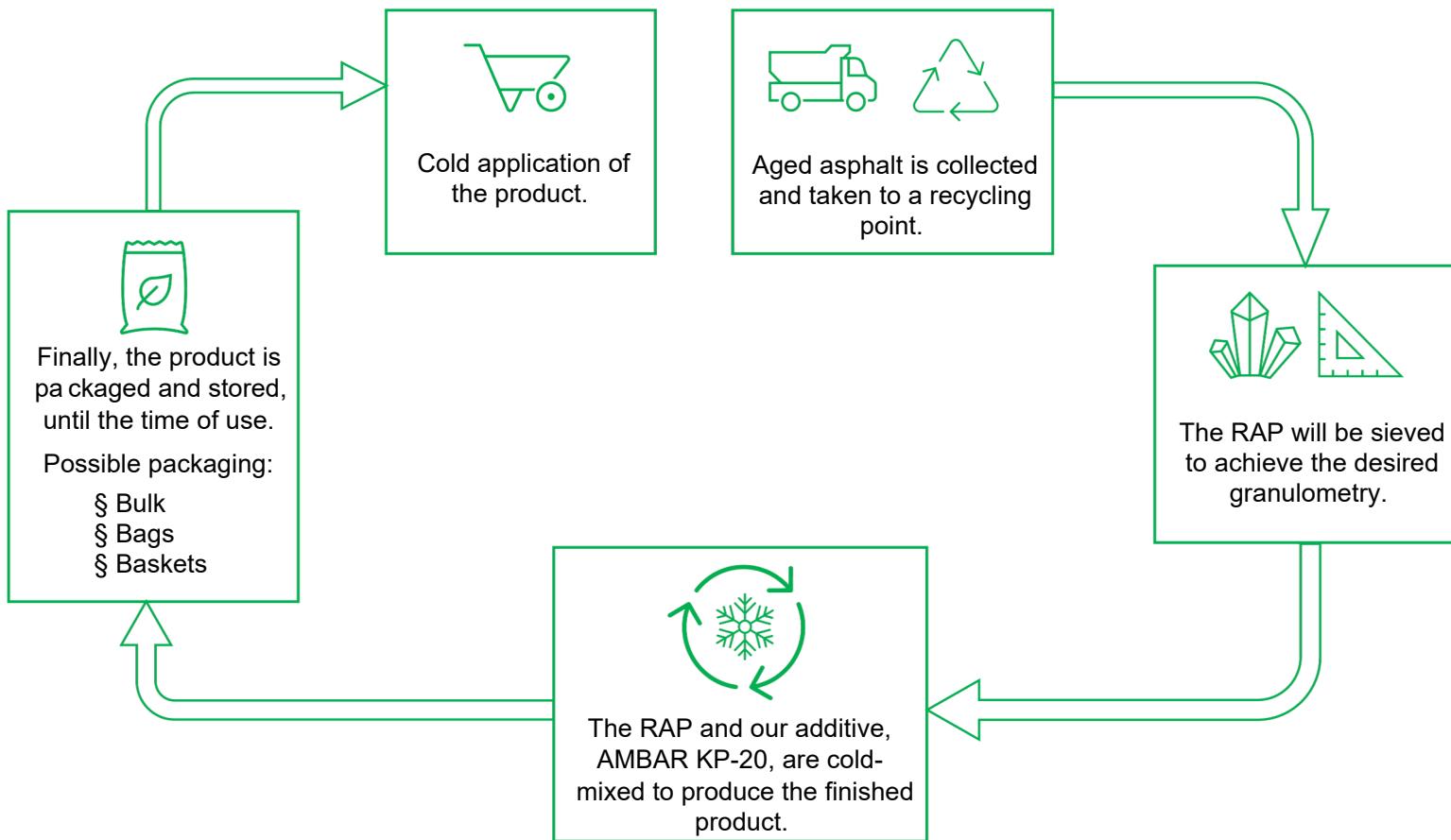
AMBAR KP-20

Our oxidised bitumen reactivator is composed 100% of ecological materials, which allow that when added cold to a RAP mix (Recovered Asphalt Pavement), the properties of the asphalt are recovered, as well as its cold performance, ductility and tension relaxation.

AMBAR KP-20 is mixed 100% on the RAP in cold and dry, restoring part of the properties lost by aging. In this way, a valuable raw material is recovered to give it a new useful life (patching and rehabilitation of affected services), preventing its end-of-cycle from ending up in landfills.

AMBAR KP-20, allows the asphalt to be stored for long periods of time. It can be stored for up to 24 months in its original container until application without loss of performance. Surplus asphalt can be stored again, so that it can be used for other maintenance work.

How to manufacture with **AMBAR KP-20**?



AMBAR KP-20 BENEFITS

Some of the benefits of using **AMBAR KP-20**:

RAP with AMBAR-KP20	Benefits
✓	100% recycled asphalt with reactivated properties
✓	The performance of reactivated asphalt with AMBAR KP-20 is similar to that of asphalt made from new raw material.
✓	Asphalt can be stored for up to 24 months, allowing for future applications without inconvenience or properties' deterioration.
✓	Simple application, compaction, and improved rolling density with fewer cold roller passes when compared to other products.
✓	No need for heavy machinery during application.
✓	It is safer for workers since asphalt's manufacture and application is in cold.
✓	Asphalt can be applied in extreme and changing weather conditions, including snow and rain.
✓	Once applied traffic can be resumed immediately, avoiding traffic disruptions.
✓	Suitable for CE marking

APP LICATION



The product is applied in 3 easy steps, allowing traffic to resume immediately after application.

1 Clean

Before using the product, it is recommended to clean the work area. The presence of humidity or water residues is not an impediment.



2 Pour product

Pour the asphalt directly into the pothole or area to be repaired. It should cover approximately two centimetres outward from the perimeter of the area to be repaired, so that it is compacted in line with the existing asphalt.



3 Compact

To finalise the product's application, use a basic compaction tool such as a metal plate tamper or roller compactor. In order to obtain a better seal, it is recommended to moisten the mixture during compaction.



If the pothole is very deep, it is recommended to apply the product in layers of 5 centimetres at a time to improve compaction with a bigger granulometry at the base, and smaller above it.

STORAGE AND HANDLING

AMBAR KP-20 has been developed to improve asphalt performance with a focus on health, safety and the environment.

Recommended storage and handling guidelines are listed below.

STORAGE

- Store in accordance with local regulations.
- Store in original container protected from direct sunlight, in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.
- Keep container tightly closed and sealed until ready for use.
- Opened containers should be tightly closed with care and kept upright to avoid spillage.
- Do not store in unlabelled containers.

Temperature:

- For correct maintenance of the product, a temperature of 10°C - 25°C in the original container is recommended.

Expiration:

- The useful life of our stored products is 2 years.

HANDLING

- Always handle additives in accordance with the Safety Data Sheet (SDS) and the appropriate safety procedures.
- Chemically stable product.



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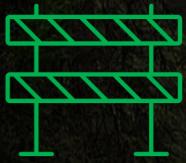
Bitumen reactivating additive

Our additive, **AMBAR KP-20**, allows you to reactivate the lost properties of aged asphalt to give it a new useful life.



The additivation with **AMBAR KP-20** is **100% cold**, so it does not produce greenhouse gases.

AMBAR KP-20 facilitates application, compaction and improves mat density with fewer roller passes on additivated RAP (reclaimed asphalt pavement).



Immediate return of traffic, thus reducing delays for users.

Additivate with **AMBAR KP-20** gives these results



Environmentally friendly



Lower costs



Recycle of raw materials



Lower risk



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