

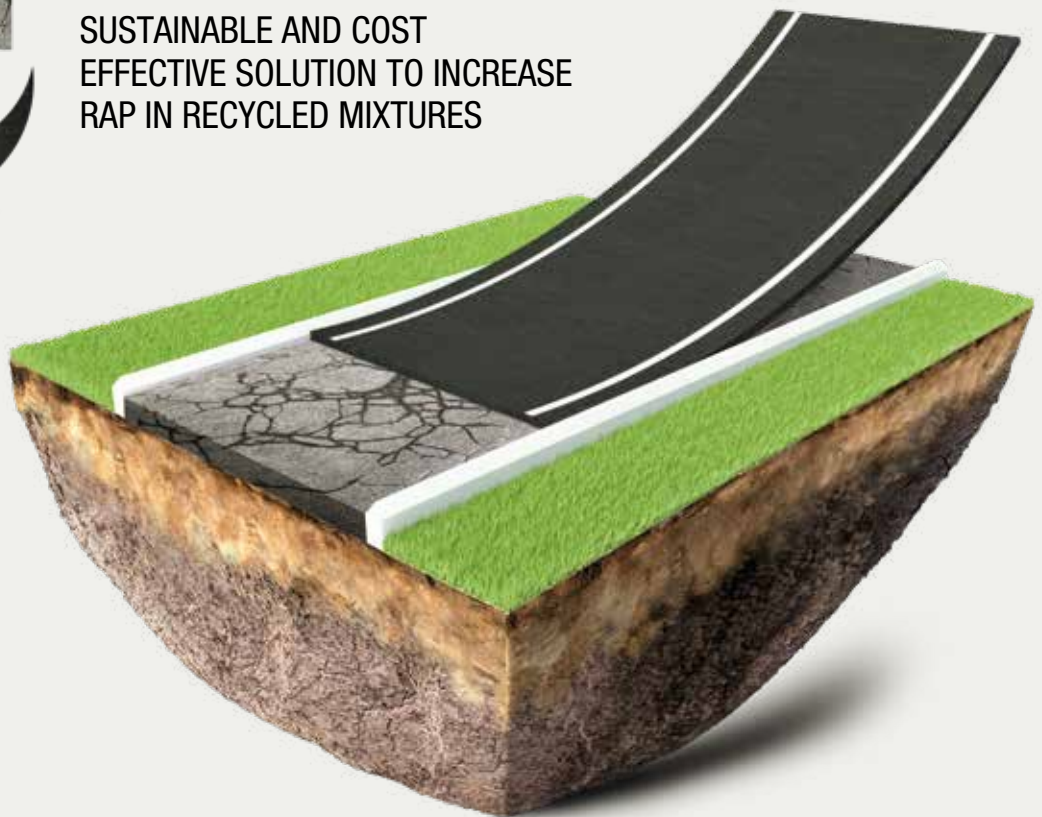
# DANOX<sup>®</sup> RAP-100

GIVE NEW LIFE

TO YOUR OLD BINDER



SUSTAINABLE AND COST  
EFFECTIVE SOLUTION TO INCREASE  
RAP IN RECYCLED MIXTURES



KAO TECHNICAL APPLICATIONS | **SOLUTION PROVIDER**

Recycling materials are a trend and a duty. Asphalt industry innovates using recycling techniques with RAP material.

As the amount of recycled material in new asphalt pavements increases, there is an increasing focus on the performance of such mixes.

**Kao has developed DANOX® RAP line of asphalt recycling agents that can balance the economics of high recycled content mixes with performance.**



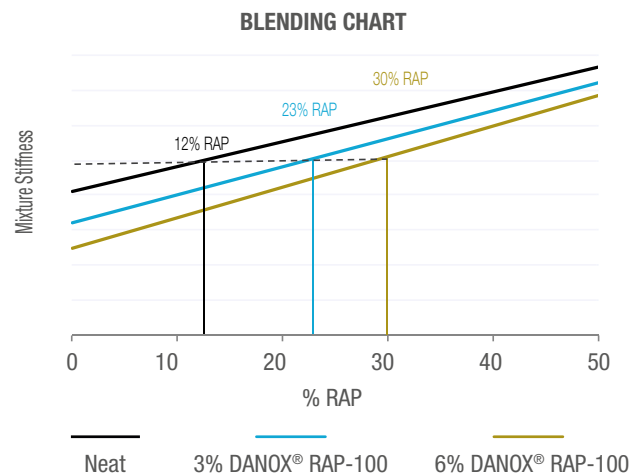
The DANOX® RAP additives can be added to virgin asphalt either at the asphalt terminal or at the hot-mix plant, and blends easily into the asphalt binder.

DANOX® RAP additives make the recycled binder more effectively available to blend with virgin asphalt and improve binder and mixture properties to prevent premature cracking.

## BENEFITS

- Improved resistance to mixture cracking without adversely affecting rutting performance.
- Reduced mix costs by incorporating higher RAP without mix performance problems.
- Biodegradable and non toxic.
- Reduces viscosity so improve mix workability.
- Reduces stiffness of the aged bitumen.

- DANOX® RAP-100 is a rejuvenating agent used to restore RAP binder properties
- Recycling high amount of RAP is possible using DANOX® RAP-100
- Dose recommended 3-6%



USE DANOX® RAP-100



USE MORE RAP



COST SAVING

**Kao Corporation, S.A.**  
 Puig dels Tudons, 10  
 E-08210 Barberà del Vallès  
 (Barcelona) Spain  
 Tel.: +34 93 7399-300  
 Fax: +34 93 7399-377  
 e-mail: marketing@kao.es

**Kao Chemicals GmbH**  
 Kupferstrasse 1  
 D-46446 Emmerich, Germany  
 Tel.: +49 (0) 2822 711-0  
 Fax: +49 (0) 2822 711-201  
 e-mail: sales@kaochemicals.de