

PREGASOL[®] K-FL (1:20)

Screen decoating concentrate (1:20)

PREGASOL K-FL 20 is a highly concentrated, liquid screen decoating solution which is used in a dilution of 1:20 with water. The high dilution possibility is especially suitable for the use in automatic screen decoating units. PREGASOL K-FL 20 solutions are colour- and odourless, free from chlorine, do not damage the mesh and do not bleach. A milkyness which often occurs when diluting with chalky water - especially with products in powder form - does not appear. Suitable for all direct photoemulsions and films (not for indirect films).

APPLICATION

The ready-to-use decoating solution is prepared by adding approx. 20 litres of water to 1 litre of PREGASOL K-FL 20.

We recommend reducing in a ratio of 1:20 with water. When using water resistant photoemulsions which are more difficult to decoat, mix 1 litre of PREGASOL K-FL 20 with approx. 15 litres of water only.

High dilution recommendation makes it suitable for use in automatic screen decoating units. Strong foam may occur due to dissolved photoemulsion particles. This foaming can be avoided by adding approx. 0,1 - 0,3% of KIWOMIX ZL 1063.

PREGASOL K-FL 20 solutions can also be used for manual decoating or for decoating in an immersion bath. Evenly apply PREGASOL K-FL 20 solution with a brush onto both sides of the screen which has carefully been cleaned of ink residue and distribute well. Gently brush the screen and after a short reaction time thoroughly rinse with a strong water jet (high pressure water washer).

Decoating in an immersion bath: Before putting the screen into the PREGASOL bath, thoroughly rinse the screen, which has completely been cleaned of ink residue, with water to remove any screenfillers and to avoid an unnecessary loss of efficiency of the bath. The reaction time depends on the type of photoemulsion used and the reducing ratio of the bath and usually varies between 30 sec. and a few minutes. Remove the dissolved photoemulsion from the screen by rinsing thoroughly with water (high pressure water washer).

Notice: Never allow PREGASOL K-FL 20 solution to dry on the screen as the combination of PREGASOL and photoemulsion is extremely difficult to remove.

Ensure that coating, decoating and degreasing take place in separate areas and at different times. During the decoating process PREGASOL K-FL 20 spray mist is produced which can settle on the screens stored in the same room. When coating, this spray mist will cause localized hardening which will remain in open areas after developing.

PREGASOL K-FL 20 is acidified to avoid precipitation after dilution with hard water. Acid components may attack and discolour steel and galvanized steel frames. Therefore please test the suitability of the frame type used. Ask your KIWO distributor or KIWO direct for advice.

COLOUR

Colourless

CONSISTENCY

Liquid

**HEALTH HAZARDS/
ENVIRONMENTAL
PROTECTION**

When working with PREGASOL K-FL 20 (- solutions) it is recommended to wear safety goggles and gloves. Remove drops on the skin with plenty of water. Do not allow PREGASOL K-FL 20 (- solutions) to dry on organic materials (as e.g. cleaning rags made of paper, textile or various synthetics) or combustible filter materials, this may cause self-ignition. If PREGASOL K-FL 20 spray mist is produced, ensure sufficient ventilation – do not inhale. Avoid contact with bleaching cleaners which contain chlorine (e.g. PREGAN ANTI-GHOST EXTRA) as toxic chlorine gas is produced.

In usual working dilution PREGASOL K-FL 20 solutions can safely be emptied into drains. Due to the oxidative effect, AOX-Value-Determinations according to DIN EN ISO 9562 may be influenced.

Please follow further information given in the material safety data sheet.

STORAGE

2 years (at 20 - 25°C)

If affected by frost, a white residue can be formed on the bottom of the container. This residue can be dissolved by warming up to room temperature and thorough stirring.