

DATA SHEET

Sid 1 av 1
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Description

Dafo AB -30 is a ready to use (premixed) liquid agent for fires of class A and B. Unlike regular AFFF premixes, Dafo AB -30 has excellent storage stability of up to 10 years under correct storage conditions. The product has superior fire performance on class A fires and compared with regular AFFF premix solutions Dafo AB -30 is freeze protected to - 30 °C and can be used in extinguishers or systems that will be stored/installed in cold areas.

Application

Dafo AB -30 is intended for use on class A and B fires. It can be used with both aspirating and non-aspirating discharge devices. It is compatible with all dry chemical powders.

Dafo AB -30 can be used in:

- Fire extinguishers
- Extinguishing systems

Typical Performance

Dafo AB -30 has been designed to combine the best properties off

- Aqueous film forming foam (AFFF)
- Class A fire extinguishing agent
- Cooling effect of Sprinkler systems

The fire performance of Dafo AB -30 has been tested and documented according to EN 1568 part 3, and achieves 13 A / 144 B according to EN 3 when used in an appropriate fire extinguisher.

Special Qualities

- Extinguishes fire through a combination of oxygen depletion and cooling.
- The extinguishing agent creates a protective layer that efficiently clings to all surfaces and prevents reignition.
- It is very important to cool down overheated parts! Gas, dry chemical or water mist all have a cooling effect but, apart from dry chemical which heavily contaminates the protected area, they all suffer from their light density which makes them easily dispersible. Forrex does not depend on the amount of agent alone to achieve efficient cooling, but also relies on the precision performance of the nozzles, the velocity of the spray and the density of the agent that, when combined, leads to its unsurpassed performance.
- Forrex is environmentally friendly.
- After release the engine space just needs to be rinsed with water.
- Forrex is non-aggressive and does not affect material and components in a harmful way

Technical data

Appearance	Clear Amber Liquid
Specific gravity @ 20.0 °C approx.	1.12 +/- 0.01 g/ml
pH	7,5 ±1,0
Temperatue range	- 30 - +60 °C (90 °C)
Freezing point	<-30 °C
Spreading coefficient mN/m	> 3
EN 3 rating using a 6 litre extinguisher	13A, 144B

Storage/Shelf Life

Stored in original unbroken packaging or correctly filled in appropriate fire extinguisher or storage tanks the product will have a long shelf life. The recommended storage temperature range of Dafo AB -30 is from - 30 °C to 60 °C (up to 90 °C for shorter periods). Shelf life of up to 10 years will be found in controlled climates. The agent should only be stored in stainless steel, anodized aluminium or plastic containers. Since electromagnetic corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings and tanks employed in the storage of foam solution.

Packaging

We can supply in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Conformity

Fulfills the requirements of the following standards:

- EN 3