

Anti-dust Agent for Hard Rock TBMs

## DESCRIPTION

TamSoil 800AD is an anti-dust agent for tunnel boring machines operating in hard rock conditions.

TamSoil 800AD can be used with standard foam equipment known from EPB machines (or simplified versions). Depending on the TBM diameter, the use of a rotary swivel is recommended.

## KEY BENEFITS

- > Efficient reduction of dust created by the cutterhead
- > Shorter revision time due to clean cutter discs
- > Cooling effect of the cutterhead, reducing disc blockage
- > Improved muck transfer
- > Improved working conditions for the TBM personal

## TYPICAL APPLICATIONS

- > Hard Rock Tunnel Boring Machines
- > Conveyor belting
- > Crushers

## TECHNICAL DATA

TamSoil 800AD	
Appearance	Pale yellow
pH (3% solution)	7 - 9
Density	1.03
Solubility in water	100%

All technical data stated herein is based on tests carried out under laboratory conditions.

## APPLICATION GUIDELINES

TamSoil 800AD is designed to create a stable foam when used on foam generators in tunnel boring machines. The foaming concentration (cF), foam expansion rate (FER) and the foam injection rate (FIR) of TamSoil 800AD depends on the geology encountered during tunnelling and the cutterhead design.

However, the TamSoil 800AD requires typically a foam concentration ranging from 1.5% to 2.5%.

## PACKAGING

TamSoil 800AD is supplied in 200 kg drums and 1000 kg IBC and bulk.

## STORAGE

TamSoil 800AD should be stored at room temperature (min 5°C and max 40°C), kept dry and out of direct sunlight or freezer condition. If these conditions are maintained and the product packaging is unopened, then a shelf life of one year can be expected.

## HEALTH & SAFETY

TamSoil 800AD should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety Data Sheet is available upon request from your local Normet representative.