Instructions for rope replacement on the IMMOOS Stopbloc 2 rope reverser

Supplement for the operating instructions
IMMOOS ascending and descending abseil device, type "STOPBLOC 2"

Replacement of the rope may only be carried out by the manufacturer or by a person authorised by the manufacturer.

The rope on the IMMOOS ascending and descending abseil device, type "STOPBLOC 2", must be replaced as follows:
- Replace damaged ropes immediately
- Infrequently used or unused ropes (ageing) after 8-10 years
- After reaching the maximum abseil work 7,500,000 J

The date of manufacture is shown on the rope for that purpose.

The rope is a special one. Only the permitted Static 9 mm kernmantle rope may be installed.

Rope path in the "STOPBLOC 2"
The rope is wound twice around the drum of the IMMOOS rope reverser, which results in a looping of 1.5 times. Due to looping 1.5 times, the holding force at the end of the rope is reduced to approx. 1/3 of the abseil weight.

IMMOOS Stopbloc 2 rope reverser
Semi-static kernmantle rope, 9 mm
Carabiner with aluminium
Twist Lock eye, catch free nose, knotted in end connection

The load is attached to the knotted end connection. (e.g. IMMOOS rescue belt CS 141, etc.)

Securing knots
After the rope has been pulled through the Stopbloc 2, the end of the rope must be provided with 2 securing knots at a distance of 50 cm from the end of the rope. This prevents the rope slipping through.