

## IEC 60332-1-2

### /// Test set-up

The single cable to be tested is fixed vertically and exposed to a Bunsen burner flame at a 45° angle to the vertical. Test apparatus according to IEC/EN 60332-1-1

### /// Flame temperature

Determined by the specified setting of the Bunsen burner flame.

### /// Test duration

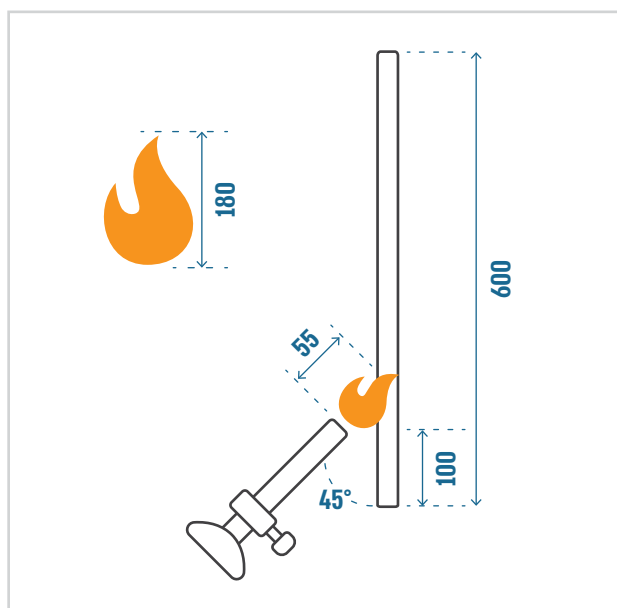
Cable with a diameter of  $\leq 25$  mm: 60 sec.

Cable with a diameter of  $25 < D \leq 50$  mm: 120 sec.

### /// Compliance criteria

The fire damage must end at least 50 mm below the upper fixing clamp.

The cable must be self-extinguishing.



# IEC 60332-3

## /// Test set-up

The cables are fixed to a ladder, close together or at a distance depending on the type of fire. The cables may be fixed in several layers.

## /// Flame temperature

Determined by the specified volume of propane and air.

## /// Test duration

IEC part 21/EN part 1: Category A F/R only for special applications

IEC part 22/EN part 2: Category A (7 l flammable material/m): 0 min

IEC Part 23/EN part 3: Category B (3.5 l flammable material/m): 0 min

IEC part 24/EN part 4: Category C (1.5 l flammable material/m): 20 min

IEC part 25/EN part 5: Category D (0.5 l flammable material/m): 20 min

## /// Compliance criteria

Fire damage to the cable may be visible for a maximum of 2.5 m from the bottom of the burner to the top.

