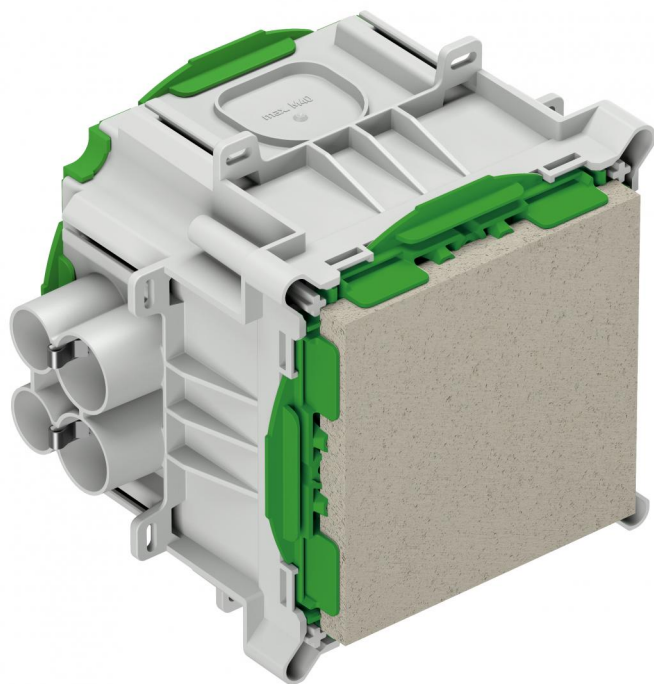


## Installation housing

# IBTLED 1



## IBTLED 1

### Installation housing

Productnumber: 98210001

Dimensions: 177 x 200 x 135 mm

Installation housing, for prefabricated construction, halogen-free, for the installation of LV/HV/LED lights and speakers, announcement and call systems, for the installation of VDE-tested lights to DIN EN 60598 (VDE 0711), and with F or MM marking, with protection class IP30, Rated insulation voltage: 400V AC, Halogen free

**maximum installation depth for luminaires, speakers, announcement and call systems: 100 mm, lamp output, LED max. 15 W, lamp output halogen max. 25 W, additional inserts 2 x to M40, outlet aperture: Fermacell® plasterboard, variable up to max. 100 x 100 mm, 8 combination entry points 4 x M20, 4 x M25 integrated conduit stopper and strain relief for conduits M20, M25, adhesive fixing or nail installation, combination conduit insertion and membrane for perforation, Sealing area M16 - M40**



## Technical Data

### electrical characteristics

|                              |                       |
|------------------------------|-----------------------|
| Rated insulation voltage AC: | 400 V                 |
| Type of protection:          | IP30                  |
| Suitable for:                | Concrete construction |

### Colours

|                   |       |
|-------------------|-------|
| Base unit colour: | grey  |
| Cover colour:     | green |

### Dimensions

|         |        |
|---------|--------|
| Width:  | 177 mm |
| Length: | 200 mm |

## Dimensions

|               |        |
|---------------|--------|
| Height:       | 135 mm |
| Inner length: | 100 mm |
| Inner width:  | 100 mm |
| Inner height: | 125 mm |

## Material characteristics

|                                                    |        |
|----------------------------------------------------|--------|
| Industry quality:                                  | no     |
| Halogen free:                                      | yes    |
| Flammability class according with UL94:            | HB     |
| Glow-wire flammability according to EN 60695-2-11: | 650 °C |

## mechanical properties

|                    |                                      |
|--------------------|--------------------------------------|
| Type of fastening: | adhesive fixing or nail installation |
|--------------------|--------------------------------------|

## Ambient conditions

|                              |     |
|------------------------------|-----|
| max. relative humidity 25°C: | - % |
|------------------------------|-----|

|                              |      |
|------------------------------|------|
| max. relative humidity 40°C: | 50 % |
|------------------------------|------|

|                           |        |
|---------------------------|--------|
| Min. ambient temperature: | -25 °C |
|---------------------------|--------|

|                           |       |
|---------------------------|-------|
| Max. ambient temperature: | 60 °C |
|---------------------------|-------|

|                          |       |
|--------------------------|-------|
| 24h ambient temperature: | 35 °C |
|--------------------------|-------|

## Material

|                     |               |
|---------------------|---------------|
| Base unit material: | Polypropylene |
|---------------------|---------------|

|                 |               |
|-----------------|---------------|
| Cover material: | Polypropylene |
|-----------------|---------------|