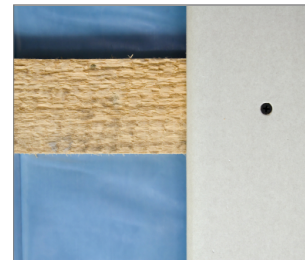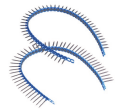**I⊘RAWLPLUG**®

# R-FTC Drywall collated screws for wood

## Coarse thread screws for fixing plasterboards to wooden framing

## Approvals and Reports

**PN-EN 14566 + A1: 2012**
**DoP-EN14566**
**Reaction to fire: A1**
**Flexural strength: pass**

CE

10

## Product information

### Features and benefits

- Top-quality material and dimensional accuracy of the collating strip for improved firmness and stability of screw feeding into the screwdriver ensuring minimised screw jamming or skipping risk
- Optimised screw tip geometry - excellent drilling capability
- No pre-drilling required
- Low-carbon steel with black phosphate finish for increased durability
- Bugle head with PH2 drive designed to finish flush with plasterboard

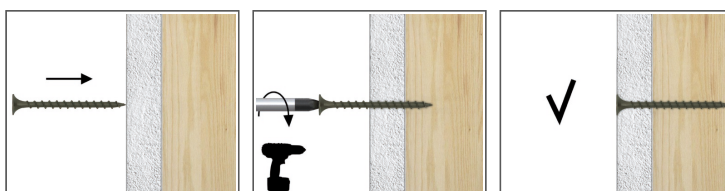### Applications

- Fastening plasterboard walls to wooden framework

### Base materials

**Approved for use in:**
- Wood

## Installation guide

1. Drive the screw straight until the head is flush
2. Screws with countersunk head allow flush connection

**RAWLPLUG®**

## Product information

| Size | Product Code | Screw | | Fixture |
|---|---|---|---|---|
| | | **Diameter** | **Length** | **Max. thickness** |
| | | d | L | $t_{Fix}$ |
| | | [mm] | [mm] | [mm] |
| Ø3.5 | R-FTC-3535 | 3.5 | 35 | 18 |
| | R-FTC-3538 | 3.5 | 38 | 21 |
| | R-FTC-3545 | 3.5 | 45 | 28 |
| | R-FTC-3555 | 3.5 | 55 | 38 |
| | R-FTC-3525 | 3.5 | 25 | 18 |

## Installation data

| Size | | | Ø3.5 |
|---|---|---|---|
| Substrate | | | Timber |
| Min. installation depth | $h_{nom}$ | [mm] | 14 |
| Min. substrate thickness | $h_{min}$ | [mm] | 28 |
| Min. spacing | $s_{min}$ | [mm] | 30 |
| Min. edge distance | $c_{min}$ | [mm] | 30 |

## Basic performance data

Performance data for single screw without influence of edge distance and spacing

| Size | | Ø3.5 |
|---|---|---|
| Substrate | | Steel |
| Substrate thickness $h_{min}$ | [mm] | 0.5 |
| **CHARACTERISTIC LOAD $F_{RK}$** | | |
| FT $F_{Rk}$ | - | 0.55 |
| **DESIGN LOAD $F_{RD}$** | | |
| FT $F_{Rd}$ | - | 0.29 |
| **RECOMMENDED LOAD $F_{REC}$** | | |
| FT $F_{rec}$ | - | 0.21 |

## Product commercial data

| Product Code | Screw | Quantity [pcs] | | | Weight [kg] | | | Bar Codes |
|---|---|---|---|---|---|---|---|---|
| | Length [mm] | Box | Outer | Pallet | Box | Outer | Pallet | |
| R-FTC-3535 | 35 | 1000.0 | 10000.0 | 180000.0 | 1.93 | 19.3 | 377.2 | 5906675486611 |
| R-FTC-3538 | 38 | 1000.0 | 10000.0 | 1000000.0 | 2.1 | 20.9 | 3366.0 | 5906675486628 |
| R-FTC-3545 | 45 | 1000.0 | 8000.0 | 1000000.0 | 2.3 | 18.7 | 3769.2 | 5906675486635 |
| R-FTC-3555 | 55 | 1000.0 | 6000.0 | 1000000.0 | 2.8 | 16.6 | 4452.4 | 5906675486642 |
| R-FTC-3525 | 25 | 1000.0 | 12000.0 | 216000.0 | 1.54 | 18.4 | 361.6 | 5906675192925 |