

Technical drawing of a floor plan showing a 6m x 6m room. The room is divided into four quadrants by a central cross. The central feature is a circular element labeled '6' with a diameter of 400 mm and a weight of 4 kg/m². The drawing includes dimensions, a scale bar, and a north arrow.

Dimensions:

- Room width: 6300 mm
- Room height: 6500 mm
- Central cross width: 4100 mm
- Central cross height: 4100 mm
- Room width (including walls): 15900 mm
- Room height (including walls): 16100 mm

Labels and Notes:

- Top left: 2x41-h-d-82Ø12/150
- Top right: 2x41-h-d-82Ø12/150
- Bottom left: 2x41-h-d-82Ø12/150
- Bottom right: 2x41-h-d-82Ø12/150
- Center: 6, 400 Ø 10, 4ks/m²
- Left side: 41Ø12/150
- Right side: 41Ø12/150
- Bottom left: 105Ø12/150, 105Ø12/150
- Bottom right: 105Ø12/150, 105Ø12/150
- Top left: 105Ø12/150, 105Ø12/150
- Top right: 105Ø12/150, 105Ø12/150
- Center: 400 Ø 10, 4ks/m²
- Left side: 41Ø12/150
- Right side: 41Ø12/150
- Bottom left: 105Ø12/150, 105Ø12/150
- Bottom right: 105Ø12/150, 105Ø12/150
- Top left: 105Ø12/150, 105Ø12/150
- Top right: 105Ø12/150, 105Ø12/150

Technical drawing of a reinforced concrete slab (KRYTIE 50mm) showing dimensions, reinforcement details, and a cross-section.

Plan View Dimensions:

- Overall width: $104 \times 150 = 15600$
- Overall length: 15900
- Clear length: 16100
- Clear width: 15000

Reinforcement Details:

- Top reinforcement: $\textcircled{2} \phi 12/150$
- Bottom reinforcement: $\textcircled{3} \phi 12/150$
- Internal reinforcement: $\textcircled{4} \phi 12/150$ and $\textcircled{5} \phi 12/150$
- Longitudinal reinforcement: $\textcircled{5} 82 \phi 12 \text{ L} = 4,3 \text{ m}$ and $\textcircled{4} 82 \phi 12 \text{ L} = 12,00 \text{ m}$
- Transverse reinforcement: $\textcircled{6} 400 \phi 10 \text{ L} = 1,72 \text{ m}$

Cross-section Details:

- Slab thickness: 350 mm
- Top concrete layer: 100 mm
- Bottom concrete layer: 100 mm
- Reinforcement: $\phi 12$

Other Details:

- Stykovanie prestriedať (600)
- Dimensions: 4300 , 12000 , 1000 , 110

Technical drawing of a reinforced concrete slab with reinforcement details. The drawing includes a plan view and a cross-section view.

Plan View:

- Overall dimensions: 6000 mm by 6500 mm.
- Reinforcement: $\phi 12/150$ (top and bottom).
- Labels: KRYTIE 50mm (insulation), 1 $\phi 12/150$ (bottom reinforcement), 2 $\phi 12/150$ (top reinforcement).

Cross-section View:

- Overall height: 350 mm.
- Reinforcement: $\phi 12/150$ (top and bottom).
- Labels: KRYTIE 50mm (insulation), 1 $\phi 12/150$ (bottom reinforcement), 2 $\phi 12/150$ (top reinforcement).

| | | | | Dĺžka L (m) | |
|--------------------------------------|------------|---------------------|-------------|-------------|-----------|
| Položka č. | Počet (ks) | Priemer ϕ (mm) | Dĺžka L (m) | $\phi 10$ | $\phi 12$ |
| 1 | 105 | 12 | 8,47 | | 889,35 |
| 2 | 105 | 12 | 6,47 | | 679,35 |
| 3 | 82 | 12 | 2,11 | | 173,02 |
| 4 | 82 | 12 | 12,0 | | 984,00 |
| 5 | 82 | 12 | 4,4 | | 360,8 |
| 6 | 400 | 10 | 1,72 | 688,00 | |
| Celková dĺžka (m) | | | | 688,00 | 3086,52 |
| Špecifická hmotnosť (kg/m) | | | | 0,617 | 0,888 |
| Celková hmotnosť podľa priemeru (kg) | | | | 424,496 | 2740,83 |
| Celková hmotnosť (kg) | | | | 3165,33 | |

| Kotévné dosky KD | | | | Hmotnosť [kg] | |
|-----------------------|------------|-----------------------|--------------|---------------|------------|
| Položka č. | Počet (ks) | Rozmer d x š x h (mm) | Dĺžka L (mm) | [kg/ks] | Spolu [kg] |
| S1 | 20 | 200x200x8 | | 2,56 | 51,20 |
| S2 | 80 | P 50x150x6 | | 0,36 | 28,80 |
| S3 | 20 | L 160x160x10 | 180 | 4,41 | 88,20 |
| S4 | 40 | P 150x150x8 | | 1,44 | 57,60 |
| Celková hmotnosť (kg) | | | | | 225,8 |

100

S3 KOT. ŠRÓB HILTI HAS M 10x90/61+
CHEM. PATRŇONA HVU M10x90
DO DIERY Ø12x90mm

S3 L160x160x10, dl. 180, 4,41 kg/ks

S4 P 150x150x8, 1,44kg/ks

S1 ø200x200x8, 2,56 kg/ks

S2 P 50x150x6, 0,36kg/ks

90

90

55

105

S3 KOT. ŠRÓB HILTI HAS M 10x90/61+
CHEM. PATRŇONA HVU M10x90
DO DIERY Ø12x90mm

S3 L160x160x10, dl. 180, 4,41 kg/ks

S4 P 150x150x8, 1,44kg/ks

S1 ø200x200x8, 2,56 kg/ks

S2 P 50x150x6, 0,36kg/ks

90

90

55

105

The diagram illustrates the cross-section of a cable joint. It shows a central cable core surrounded by a braided shield. The joint is formed by a sleeve (SPONA) that overlaps the cable. The sleeve is secured by a braided reinforcement (ROZDELOVACIA VÝSTUŽ) and a main reinforcement (HLAVNÁ VÝSTUŽ). The diagram also indicates the minimum thickness of the sleeve (c_{min}) and the nominal thickness (c_{nom}).

POLKRUHOVÝ HÁK

PRAVOUHLÝ HÁK

SLUČKA


| | | |
|----|------|------|
| D | ≤ 16 | > 16 |
| dr | 4D | 7D |

OHYB POVRCH PRVKU

| | | | |
|----|---------|--------------|--------|
| t | t ± 100 | 50 ≤ t < 100 | t < 50 |
| dr | 10D | 15D | 20D |

| | | | |
|---------------------------------------|--------|---------------------|---------------------|
| Konštrukcia | | Základová doska | Podkladný betón |
| Kvalita betónu | | C25/30 | C12/15 |
| Expozičná trieda | | XC2, XA1 (SK) | X0 |
| veľkosť zrna [mm] | | 16 | 16 |
| konzistencia | | S3 | S3 |
| množstvo betónu | | 25,1 m ³ | 10,5 m ³ |
| Výstuž | | B 500B | |
| Oceľ | | S 235 | |
| Krytie výstuže c _v [cm] | horné | 5,0 | |
| | spodné | 5,0 | |
| | bočné | 5,0 | |

DOKUMENTÁCIA NA REALIZÁCIU STAVBY
306-00

| | | | |
|--|--|--|--|
| ZÁKAZKA | |  | |
| <p align="center">DIAĽNIČNÝ PRIVÁDZAČ LIETAVSKÁ LÚČKA - ŽILINA I. ETAPA km 0,0 - 3,8</p> | | <p align="center">MILETIČOVA 21, P.O. BOX 34 820 05 BRATISLAVA 25 TEL.: 02/5057 4703, FAX.: 02/5057 4798</p> | |
| ČASŤ STAVBY 306-00 ODLUČOVAČ ROPNÝCH LÁTOK V km 0,315 | | <p align="center">STUPEŇ DRS</p> <p align="center">ČÍSLO ZÁKAZKY 1347/1230</p> | |
| PRÍLOHA VÝKRES VÝSTUŽE ZÁKLADOVEJ DOSKY POD ORL | | <p align="center">KRES DRS</p> | |
| OBJEDNÁVATEĽ NÁRODNÁ DIAĽNIČNÁ SPOLOČNOSŤ, a.s. | | <p align="center">OKRES ŽILINA</p> | |
| HLAVNÝ INŽ. PROJ. <i>[Signature]</i> Ing. Ondrej KUPČO | | TECH. KONTROLA <i>[Signature]</i> Ing. Róbert Sonnenschein | |
| ZODP. PROJ. <i>[Signature]</i> Ing. Ľuboš Rojko, PhD. | | SÚRADNICOVÝ SYSTÉM JTSK | |
| DÁTUM 05.2015 | | VÝŠKOVÝ SYSTÉM Bpv | |
| FORMÁT 4x A4 | | MIERKA 1:50 | |
| | | <p align="center">KATASTRÁLNE ÚZEMIE: PORÚBKA</p> | |
| | | <p align="center">ČÍSLO PRÍLOHY 4</p> | |
| | | <p align="center">SÚPRAVA</p> | |