

Rainwater system components



ZINC
275 g/m²

- | | | |
|------------------------|----------------------|------------------------|
| 1. Stop end | 2. Rafter bracket | 3. Gutter joint |
| 4. Inner gutter 90° | 5. Gutter | 6. Fascia bracket |
| 7. Stay strap | 8. Gutter outlet | 9. External gutter 90° |
| 10. Intermediate pipe | 11. Bend 60° | 12. Branch pipe |
| 13. Pipe bracket | 14. Downpipe | 15. Manual diverter |
| 16. Shoe 60° | 17. Sewer connection | 18. Large hopper |
| 19. Gutter leaf filter | 20. Twisted bracket | |

Every roof needs an efficient and sustainable rainwater system.



Benefits



Durability

Metigla uses **high-quality raw materials**, which ensure the system's durability and over-time efficiency.



Adaptability

The system **adapts to any type of roof**: metal roof tiles, ceramic tiles, bitumen shingles, profiled metal sheets, and others.



Easy fitting

All items are **specially designed** and manufactured to **facilitate assembly**.



Aesthetics

The Metigla drainage system has a modern design and is available in an **extensive color palette**.

METIGLA
smart covering. simply passion.

Metigla SRL
Ceptura, Prahova,
107126, România
T +40 244 44 58 00
F +40 244 44 58 01

metigla.ro

Metigla SA
Villers-le-Bouillet,
4530, Belgium
T +32 42 50 12 08
F +32 43 80 17 66

metigla.be

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**RAINWATER
SYSTEM**

Fitting guide



Fitting guide



STEP 1

Bending and installing the gutter bracket

The gutter bracket tails should be bent so that **the gutter will have an overall inclination of 2,5 - 4 mm/m**. A designated tool should be used for this operation to ensure the same bending angle, same radius and not to damage the paint on the bracket. The gutter brackets should be installed after setting the direction and inclination of the gutter.

Start by installing the first and the last bracket. (Fig. 1)

The rest of the brackets must be **installed at a range of 50-60 cm**, according to slope. For better support, fixate on rafter.



Fig. 1

STEP 2

Installing the gutters and the gutter outlet

Place the gutter onto the rounded edge of the gutter bracket and tighten by hand, in order to fully fixate it inside. (Fig. 2)

For a secure connection, it is recommended to **join the gutters to each other, by overlap (at least 5 cm), before mounting them**. (Fig. 3.1)

The connection of the gutters will be done after determining the water drainage direction.



Fig. 2

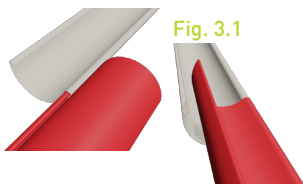


Fig. 3.1

The gutter joint must be placed **at the middle of two connected gutters**, and fixed using the buckle. Bend the safety clamp completely, to secure the joint from opening. (Fig. 3.2)



Fig. 3.2



The inner and outer corners will be placed next to the gutter brackets from the end of the roof truss. As they are not supported by gutter brackets, the corners need to be perfectly fixed into the gutter. Their **overlap across the gutter should be of at least 3-4 cm**, and they must be **fixed using a gutter joint**. (Fig. 4)



Fig. 4

The gutter outlet will be installed **after marking the position of the downpipe on the gutter**. Place two oblique cuts to form an opening of approx. **10 cm**. Bend the edges of the opening, to allow water drainage, and fix the gutter outlet onto the opening. (Fig. 5)

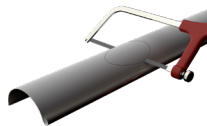
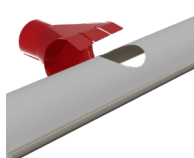


Fig. 5



STEP 3

Installing the universal end caps

The universal end cap may be used for both ends of the gutter. Prior of installation, **check that the rubber waterproof insertion is in place**. Place the end cap onto the gutter with a light push, and then easily tap until it fully fixates on the gutter. (Fig. 6)



Fig. 6



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STEP 4

Installing the intermediate pipe

The intermediate pipe is used to bind the gutter outlet to the downpipe between two bends. Where needed, this element may be used for extending a downpipe. (Fig. 7)

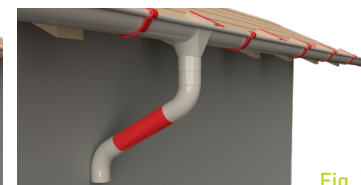
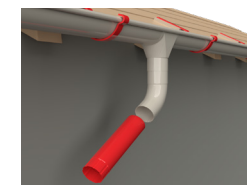


Fig. 7



Fig. 8

STEP 5

Installing the pipe bracket, the downpipe and the shoe

The pipe bracket must be installed at approximately **10 cm from the end of the lower bend**. The distance between two pipe brackets should not exceed **2 m**. After fixing the bracket into the wall, fit the downpipe inside and secure, by gently tapping the bracket's clip until tight. (Fig. 8)

Other accessories: branch pipe, large hopper, manual diverter, shoe, sewer connection. Details on www.metigla.be.

The Metigla rainwater system is available in three sizes, **125/88 mm, 165/88 mm and 165/100 mm**.