



TERRAIN SDP
QUALITY IN PLUMBING AND DRAINAGE

SOUNDPROOF PLUS+ SYSTEM

PVC-U DRAINPIPES,
PARTS AND
COMPONENTS



5  **NUEVA TERRAIN**
QUALITY IN PLUMBING AND DRAINAGE
YEARS

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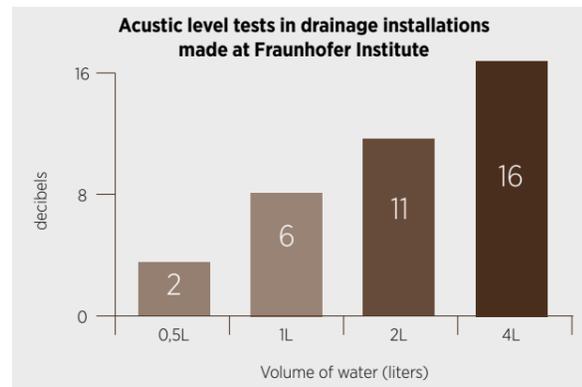
REACTION TO FIRE: **B-S₁, D₀**

SOUNDPROOF PLUS SYSTEM

REACTION TO FIRE: **B-S₁, D₀**

Excellent system to absorb and decrease all noises derived from the drainage installation within the building. The system is certified with excellent results, accordingly to EN 1466 certification, at Fraunhofer Institute in Stuttgart.

- It resists high temperatures in discontinuous use.
- It resists a degree of impact (all fittings from the system are High Impact Resistance).
- In our system, pipes are male and fittings female trying to reduce at maximum sockets needed which make the installation expensive.
- Complete system from Ø50 mm. to Ø160 mm.
- We give solution to all types of installations, secondary ventilation, access door, ventilation valve, etc.... making it compatible with our PVC-U soundproof system.



The test has been made according to different drainage water levels (0.5, 1 and 2 liters per second), being these ones considered as the most common levels within the installation. These data correspond to the acoustic pressure measurements, in decibels, originated by the mentioned water levels at the reception room, **basement floor after the wall** with a resistance of 220 kg/m² according to EN-14366:2005-02.

INSTALLATION

In order to obtain 100% of efficiency in noise reduction, Nueva Terrain recommends bearing in mind the following points:

1. All changes in the direction of the installation should be made in 45°.
2. All passby from the WC to the main line is done at 45°.
3. All joints are made with rubber ring.
4. All clips used in the installation must be isofonique (with rubber ring).



REACTION TO FIRE

Nueva Terrain SDP Soundproof Sewerage systems have also been developed in compliance with article 11 of the Building Code, on Basic Safety Requirements in the case of fire”, pursuant to the following premises:

1. That it is important to ascertain whether or not a material will contribute directly to the spread of a fire.
2. That the results of non-combustibility tests provide the information required, that they allow decision-makers to determine if the material in question is suitable for use in the building.
3. That consumers are entitled to be protected from risks that affect their safety.



Classes for reaction to fire	B	C	D	E	F
	Low speed of fire spread and heat emission	Medium speed of fire spread and heat emission	High speed of fire spread and heat emission	Very high speed of fire spread and heat emission	Without determined characteristic
SMOKE opacity classification (S)	S ₁ Low quantity and speed of emission		S ₂ Average quantity and speed of emission		S ₃ High quantity or speed of emission
Molten drip or flaming particle classification (d)	d ₀ No flaming drips are produced		d ₁ There are no molten drip particles with duration in excess of 10 seconds		d ₂ High molten drip or particle classification

Based on the above premises, the final results of the fire resistance tests performed on our sewage systems conducted at the AFITI-Licof laboratory in accordance with EN 13501-1:2002, are:

- **PVC-U Terrain SDP Soundproof Plus Sewerage system (brown colour): B-S₁, D₀**

Piping For application B pursuant to the UNE-EN 1329-1:2001 standard, capable of withstanding intermittent discharges of water at 95° C. Colour Andorra, RAL 8016.

PVC-U SEWAGE PIPES



REFERENCE	Ø
INS 200.050.030	50
INS 100.110.030	110
INS 100.125.030	125
INS 100.160.030	160

M-F ELBOW



REFERENCE	Ø
INS 107.110.135	110

DOUBLE BRANCH



REFERENCE	Ø
INS 106.110.135	110
INS 1.106.125.135	125

SLIP COUPLER



REFERENCE	Ø
INS 1.111.110	110
INS 1.111.125	125
INS 111.160	160

COUPLER



REFERENCE	Ø
INS 210.050	50

REDUCERS



REFERENCE	Ø
INS 124.125.110	125x110
INS 124.160.110	160x110
INS 124.160.125	160x110

ISOPHONIC PIPE CLAMP

FOR TURNED BAR M-8 PVC-U SEWAGE PIPES



REFERENCE	Ø
643.050.008	50
643.110.008	110
643.115.008	115
643.125.008	125
643.160.008	160

FIREWALL COLLAR



REFERENCE	Ø
670.55	55
670.110	110
670.125	125
670.160	160
670.200	200

PVC-U Components for drains

F-F ELBOW



REFERENCE	Ø
INS 201.050.135	50
INS 101.110.135	110
INS 1.101.125.135	125
INS 101.160.135	160

SINGLE BRANCH



REFERENCE	Ø
INS 104.110.135	110
INS 1.104.125.135	125
INS 104.160.135	160

CROSS-VENTILATION CONNECTOR



REFERENCE	Ø
INS 108.110.050	110x50

BOSS CONNECTOR COUPLER



REFERENCE	Ø
INS 116.110.050.040	110x50x40

ACCESS CAP

PVC-U SEWAGE PIPES



REFERENCE	Ø
INS 237.050	50