

# TRANSPARENT EPOXY RESIN QN

Edition date: 21/04/23  
VERSION: REV01

## 1. DESCRIPTION

It is manufactured from low viscosity epoxy resins to favour the filtering and reinforcement of marble or granite slabs, providing high adhesion. It is totally free of solvents and mineral fillers.

## 2. PROPERTIES

- **Low viscosity.**
- **High adhesive strength.**
- **High chemical and mechanical resistance.**
- **No shrinkage on hardening.**
- **High yield.**
- **No crystallisation at low temperatures.**

## 3. APPLICATIONS

- Recommended for the bonding of natural and artificial stone surfaces as well as porcelain tiles and similar materials.
- The surface must be clean and dry, free from dust, grease or substances which may interfere with the final adhesion.
- Application can be manual or machine-applied.
- The mixture must be ensured to be homogeneous, before starting to apply the product.
- Temperature affects drying time, being designed for a working temperature between +30°C and +50°C. The higher the temperature, the shorter the pot life of the mixture.
- Any hardened product residues may only be removed by mechanic.

## 4. CHARACTERISTICS

	Standard resin	Indurent QN25	Mixture
<b>Viscosity</b>	1000 - 1200 cp	60 - 100 cp	950 - 1050 cp
<b>Density</b>	1.45 - 1.48 kg/l	1.00 - 1.04 kg/l	1.41 kg/l
<b>Gel time</b>	-	-	20 - 25 min
<b>Drying 45°</b>	-	-	40 - 50 min
<b>Curing</b>	-	-	24 hours
<b>Mix ratio</b>	100:15,4		

## 5. MECHANICAL TESTING

Flexural modulus	5064,8 MPa
Flexural strength	48,88 MPa
Maximun deflection	1 mm
Tensile modulus	4240 MPa
Tensile strength	29,7 MPa
Elongation at break	0,70 %

## 6. STORAGE AND PACKAGING

- The product should be stored in a **dry place** at a temperature not exceeding 25°C.
- The expiry date is **1 year** under these conditions.
- The existing containers are **1000 kg**.
- For other quantities: **contact us**.