



# NOVADURIT® ZV 115

NOVADURIT® ZV 115 is a high-strength, one-component, medium-viscosity anaerobic resin intended to fasten cylindrical components wherever maximum strength is required. The maximum peripheral joint is up to 0.3 mm. Green colour.



## USAGE

NOVADURIT® ZV 115 is intended for high-strength securing of cylindrical components. Its higher viscosity and maximum joint strength enables setting higher clearances when assembling bearings, impeller wheels, toothed wheels, belt pulleys, shafts; it glues rotors to shafts in electric engines, secures cases and sleeves in covers and shafts etc. It is ideal for repairing and overhauling of gearboxes and other machinery. It provides for joining of slide and pressed cylindrical components wherever high reliability is required. It can also be used for sealing of screwed and hydraulic joints. The product hardens without the access of air in the joint between metal surfaces to be joined, the manipulation time being 10-30 minutes (changes depending on temperature and surface). It is suitable when joining by pressing when hot. To speed up hardening, and for bigger joints please use NOVADURIT® AKTIVÁTOR so as to assure quick and complete hardening.

## BENEFITS

- Fastening of cylindrical components
- Sets clearances
- Very high strength
- Maximum joint 0.25 mm

# NOVADURIT® ZV 115

## USER MANUAL

1. Remove residues of old sealants using REMOVER® TAL. So as to obtain the best results, clean all surfaces using TECHNOSOL® and let dry well.
2. If the material to be joined is an inactive metal, or hardening is too slow, use NOVADURIT® AKTIVÁTOR and let dry well.
3. For friction-bearing assemblies – apply the product to the leading edge of the pivot and to the inner surface of the ring. Turn the pivot against the ring when assembling so as to provide for good spreading of the product.
4. For overlap assemblies – apply the product thoroughly to both surfaces to be joined and press the assembly using corresponding pressure.
5. In hot-pressed assemblies, the product should be applied to the pivot, and the ring should be preheated so as to create sufficient clearance to put the ring freely on the pivot.
6. The parts should be kept at rest until the corresponding manipulation strength is reached.
7. For dismantling, use local heating to approx. 250 °C and dismantle when hot using recommended tools.

## TECHNICAL DATA

Chemical type	urethane methacrylate
Colour	green
Corrosiveness	none
Ignition point	> 90 °C
Maximum joint	up to 0.3 mm
Viscosity	medium, 2000 mPas
Range of temperatures	-55 °C to +150 °C
Pressure resistance	25–30 N/mm <sup>2</sup>
Manipulation time	10–30 min.

## CONTENT

## STOCK NUMBER

Blister pack 10 g	550 615
Flask 50 g	550 600
Bottle 250 g	550 605
Can 1000 g	550 610

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## RELATED PRODUCTS

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REMOVER® TAL



TECHNOSOL®



NOVADURIT®  
AKTIVÁTOR



AIRSOL®



All products of NOVATO® spol. s.r.o., which are a chemical mixture or a dangerous chemical mixture, are properly classified, marked and equipped with safety data sheets in accordance with the Chemical Act and relevant regulations within the EU. All hazardous mixtures have a safety data sheet, which is freely available on our website [www.novato.cz](http://www.novato.cz), eventually at our sales representatives and in the sales department of the company. All users of NOVATO® products are legally required to familiarize themselves with the technical and safety data sheets of the product concerned to ensure proper use, storage and handling of the product. Our oral and written technical recommendations, which we transmit with the utmost knowledge, cannot cover all details and conditions of the application and do not exempt users from their own examinations and tests in relation to third party rights. Therefore, the user is obliged to perform tests and tests for individual applications in such a way as to eliminate all risks associated with the application of the chemical mixture, especially the hazardous chemical mixture, as these applications and their conditions are beyond our control possibilities. NOVATO® spol. s.r.o. guarantees the declared quality of its products and the properties described in the technical and safety data sheets.

NOVATO® spol. s.r.o., Uralská 6, 160 00 Prague 6, tel. : +420 233 339 688, fax: +420 224 315 198, e-mail: [obchod@novato.cz](mailto:obchod@novato.cz), [www.novato.cz](http://www.novato.cz)