



# N&V Z4



## N&V BELGIUM

In 1998 Peter Neiryndck and Dirk Vogt founded N&V Belgium with one goal in mind: To develop and manufacture products that would bring obvious advantages to dental technicians. With over 25 years experience in the dental industry, they have a clear vision of the problems dental technicians are faced with.

The many years of experience in the dental industry gives N&V great insight into the needs of dental laboratories. Listening to their problems and understanding their needs, helps them to begin creating innovative products. In 1998 N&V pioneered rapid cast investments that have revolutionized dental casting techniques. As they move forward into the future N&V will continue to produce revolutionary products that will benefit the dental community.

**TIRED OF WASTING TIME?** Z4 universal casting investment is manufactured to be an invaluable tool for any dental lab. It was built to be used as a tool that improves results through unequaled consistency and ease of use. It is a completely user friendly investment and has extreme flexibility. These capabilities allow labs to save time and increase productivity.

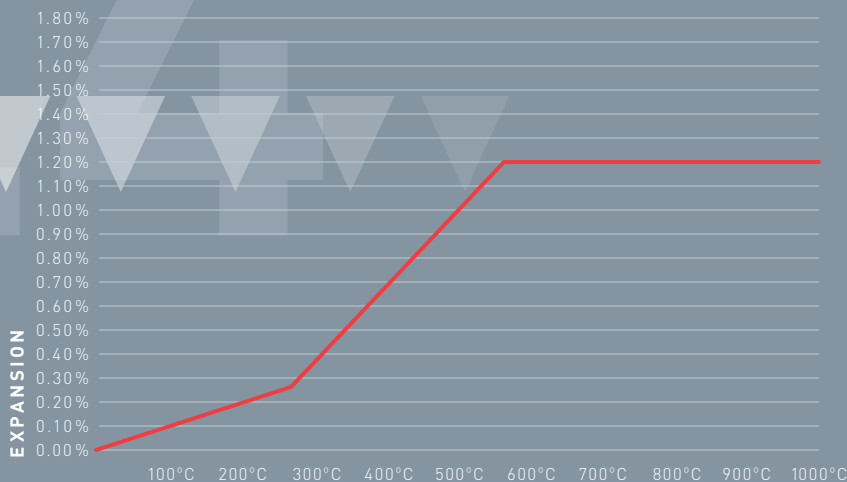
**LOOKING FOR A BETTER SOLUTION?** Using an investment that provides a better solution can bring superior results to any lab. Thousands of dental labs across the world have found Z4 universal casting investment to be the perfect solution to their problems. Z4 can eliminate inconsistencies and problematic results thus becoming the solution to your every day problems.

**WONDERING HOW OTHER LABS DO IT?** Are you having problems with your current investment and wonder if other labs are having the same problems with their investments? If so, do you wonder what product they are using? Every day more and more labs around the world are switching to Z4 universal casting investment. From the largest production labs to the smallest one person labs, more technicians are finding that they can get it done better, faster and easier with Z4 universal casting investment.

**UNCERTAIN ABOUT SWITCHING?** Learning new procedures, figuring out new ratios or just working with a different investment can be difficult. Making changes can be tough, but continuing to deal with ongoing problems is costly. With Z4 universal casting investment making the switch is a simple task. Vacalon and N&V give you the support you need while making the switch, we can help to ensure that it is a seamless transition.

**TIRED OF PLAYING THE GUESSING GAME?** Configuring different ratios for each batch, investment breakdown and other inconsistencies should not be the norm. With Z4 universal casting investment dental labs can take complete control over their casting procedures and focus on other important tasks. Z4 takes away the guesswork and puts control where it belongs, in the hands of the user.

**ARE YOU READY TO SWITCH?** Is it time to make the change? Are you ready to try a better solution and get better results? Talk to your sales representative about making the switch to an N&V investment. Samples can be requested through our website [www.vacalon.com](http://www.vacalon.com) or by calling Vacalon directly at 800.729.8192.



#### Z4 THERMAL EXPANSION

Unless otherwise specified all measurements were taken at 100% liquid concentration and at 72°F.

## N&V Z4 UNIVERSAL RAPID CAST INVESTMENT

N&V Z4 is a fine grained phosphate investment that has been manufactured to meet the needs of today's laboratories. Z4 is a universal rapid cast investment that performs under the most demanding circumstances with unequalled consistency and reliability

- One investment for all alloys and pressable ceramics
- Rapid cast technique that allows for complete control over castings and increased productivity
- The perfect consistency allowing for easy investing with little to no vibration
- Easy devesting for smooth breakout that requires minimal blasting
- Precise, smooth, accurate and consistent results
- Manufactured under stringent guidelines using the finest raw materials
- Unrivalled tech support

### PHYSICAL PROPERTIES

Liquid/Powder Ratio : 24 ml / 100 grams

Working Time : ca. 6 minutes

Setting Expansion : 1.7%

Thermal Expansion : 1.2%

Bench Set Time : 30-40 minutes



#### 80011

100 envelopes X 100 grams  
powder only

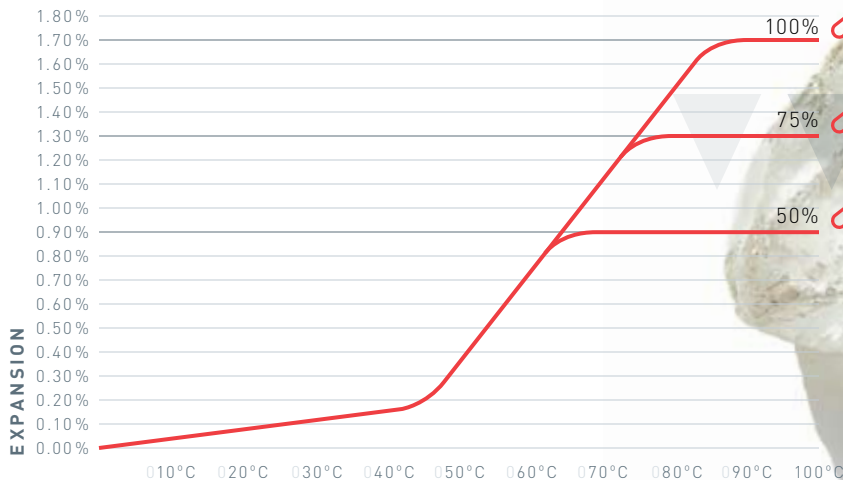
#### 80016

150 envelopes X 60 grams  
powder only



#### 80040

1 Liter N&V Expansion Liquid  
each box requires 2 liters



### Z4 CHEMICAL SETTING EXPANSION

Unless otherwise specified all measurements were taken at 100% liquid concentration and at 72°F.



VACALON



For more information, a free sample or technical support contact  
Vacalon at 1-800-729-8192 or visit [www.vacalon.com](http://www.vacalon.com).

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