

# Dual component Vinylester resin (styren free), Certified ETA-CE Option 1 and Option 7











 Résine vinylester à deux composants (sans styrene), avec certification ETA-CE Option 1 et Option 7

 Doppelkomponent Vinylesterharz (styrolfrei), mit ETA-CE Zulassung Option 1 und Option 7


 Resina Viniléster bicomponente (sin estireno), Homologada ETA-CE Opción 1 y Opción 7

 Двухкомпонентный состав из винилэстеровой смолы (без содержания стирола), с сертификатом ETA-CE Опция 1 и Опция 7



Item code	Contents ml	Pcs. per carton	Pcs. pallet
     DGE 02 00 300	300	15	960
     DGE 02 00 400	400	12	780

 **ETA-CE assessed item** / Article évalué par l'ETA-CE / ETA-CE bewerteter Artikel / Evaluación ETA-CE / Техническая Оценка ETA-CE  
EAD 330499-01-0601-TR049 - **Item assessed Under Seismic Action** / Article évalué en zone sismique / Artikel mit Bewertung von seismischer Leistungskategorie / Evaluación para fijaciones en zonas sísmicas / Одобрен для сейсмических воздействий

 **Post installed rebar connection under fire exposure application assessed (refer to relevant DoP)** / Évaluation de la résistance au feu des connections avec des barres d'armatures rapportées (Regarder le DoP) / Bewertung des Feuerwiderstands von Anschlüssen mit nachträglich installierten Stäben (siehe entsprechende DoP) / Evaluación de resistencia al fuego de las conexiones con varillas post-instaladas (mire DoP) / Проведена оценка соединения арматуры после установки в условиях воздействия огня (см. Соответствующий DoP)

 **FAU-FCC technical assessment** / Certificat technique d'aptitude à l'emploi FAU-FCS / Technisches Zertifikat für den Gebrauch von FAU-FCS / "Homologación Técnica de Idoneidad FAU-FCS" / Техническое свидетельство ФАУ-ФЦС N° 6349-21



European Technical Assessment  
EAD 330499-01-0601 and TR049

**OPTION 1:** for cracked and non-cracked concrete  
- Threaded rods M10-M20  
**OPTION 7:** for non-cracked concrete  
- Threaded rods M8-M30  
Seismic assessment: performance category C2  
- Threaded rods M12-M16  
Seismic assessment: performance category C1  
- Threaded rods M12-M20



European Technical Assessment  
EAD330087-00-0601  
EAD331522-00-0601

Post-installed rebar with mortar  
under seismic action  
- Rebars Ø8-Ø32



DoP

Declaration of  
Performance  
Threaded Rods

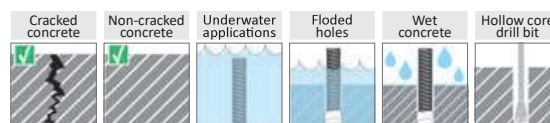


DoP

Declaration of  
Performance  
Rebars



\*plastic sleeve required



Description	Usage	Advantages
<p>Dual Component Styren free Vinylester resin for heavy duty fixings, available in the following options:</p> <p><b>DGE 02 00 300</b> - ml 300 with 1 Nozzle, to be used with professional gun (code DH01);</p> <p><b>DGE 02 00 400</b> - ml 400 with 1 Nozzle, to be used with professional gun (code DH01; DH03).</p> <p><b>- STORAGE:</b> The cartridge must be kept in a dry and fresh place between +5°C and +30°C, possibly in the shade. During cold months, store the cartridge in a heated place.</p> <p><b>- CONCRETE TEMPERATURE:</b> (during the installation) -10°C ÷ +40°C</p> <p><b>- SERVICE TEMPERATURE:</b> (environment temperature after installation) -40°C ÷ +40°C with T<sub>0,max</sub> long term temperature of +24°C -40°C ÷ +80°C with T<sub>0,max</sub> long term temperature of +50°C -40°C ÷ +120°C with T<sub>0,max</sub> long term temperature of +72°C</p>	<p>Tecfi DGE02 achieved the <b>ETA-CE Option 1</b> Certification for use in cracked and non-cracked concrete (<b>M10 to M20, threaded rods only</b>), the <b>ETA-CE Option 7</b> Certification for use in non-cracked concrete (<b>M8 to M30, threaded rods only</b>), the <b>ETA-CE Certification for rebars (Ø8 to Ø32)</b> under fire exposure and for seismic application. Tecfi DGE02 also got assessment for <b>Seismic Performance Category C1 (M12÷M20) and C2 (M12÷M16)</b> (according to EAD 330499-01-0601, EAD 330087-00-0601, EAD 331522-00-0601 and TR049)</p> <p>Thanks to the low content of Volatile Organic Compound, Tecfi DGE02 can be used in closed environments (VOC classification <b>A+</b>) <b>LEED® EQ-4.1</b> compliant.</p> <p>For application on hollow material (bricks, masonry unit), it is necessary to use the plastic sleeve FV01.</p> <p>Tecfi DGE02 can also be used on different base materials, such as solid masonry and wood.</p> <p>This resin does not pre-stress the base material, and it can be used in dry, wet and flooded holes (except for rebars installation).</p> <p>Partially used cartridges can be conserved by replacing the used nozzle with the original cap, and re-used.</p>	<ul style="list-style-type: none"> <li>• ETA-CE Certified Option 1 and Option 7 according to EAD 330499-01-0601</li> <li>• Performance Category C1 &amp; C2 for use under seismic action according to TR049</li> <li>• Certified for the application with rebars under fire exposure and seismic action</li> <li>• Application certified with a wide range of threaded bars, from 4.8 to 10.9 (even HDG), as well as A2, A4 and HCR Stainless Steel</li> <li>• Certified with hollow drill bit installation</li> <li>• LEED® v4 Compliant</li> <li>• Fast curing for quick applications</li> <li>• Excellent ageing behaviour</li> <li>• Resistant to long-term hydrolysis</li> <li>• No premix necessary, thanks to the special nozzle</li> <li>• High bond strength in all conditions</li> <li>• Easy and quick to use</li> <li>• Thixotropic consistency</li> </ul>