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## DECLARATION OF PERFORMANCE GC51APBKR (v0)

Name	GC smooth stripnail 2,87x50mm
Article number	GC51APBKR
GTIN	8715274028545

Intended use/uses and identification of the construction product	
Manufacturer	Kyocera Senco Netherlands, Pascallaan 88, 8218 NJ Lelystad
Intended use	Dowel-type fastener
Unique identification code	GC51APBKR
DOP No	GC51APBKR
Harmonized standard	EN 14592:2008+A1:2012
AVCP	3
NB	1686

Declared performances		
Essential characteristics for: GC51APBKR		Performance
Characteristic yield moment	$M_{y,k}$	3054 Nmm
Characteristic withdrawal parameter	$f_{ax,k}$	2,45 N/mm <sup>2</sup>
Characteristic head pull through parameter	$f_{head,k}$	27,12 N/mm <sup>2</sup>
Characteristic tensile capacity	$f_{tens,k}$	NPD
Durability against corrosion		Carbon steel, SC 1, EN 1995-1-1

$f_{ax,k}$  en  $f_{head,k}$  are tested at a characteristic timber density of 350 kg/m<sup>3</sup>

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of KYOCERA SENCO Netherlands B.V. by:

Place and date of issue: Lelystad, 09-07-2024

Lars Aa. Mortensen  
Technical Manager, KYOCERA SENCO EMEA

Additional information		
Nail diameter	$d$	2,87 mm
Head cross sectional area	$d_h$	30 mm
Nail length	$L$	50 mm
Length of point	$L_p$	3,7 mm
Coating length	$L_h$	26 mm
Coating type	Type	Coating type 3
Reaction to fire		A1