

Approval body for construction products  
and types of construction

Bautechnisches Prüfamt

An institution established by the Federal and  
Laender Governments



## European Technical Assessment

ETA-19/0869  
of 15. January 2021

English translation prepared by DIBt - Original version in German language

### General Part

Technical Assessment Body issuing the  
European Technical Assessment:

Deutsches Institut für Bautechnik

Trade name of the construction product

ClickBoard, Home, Style, Novara, RapidoClick and  
MilanoClick

Product family  
to which the construction product belongs

Composite-based panels for indoor wall and ceiling  
design

Manufacturer

PARADOR GmbH  
Millenkamp 7-8  
48653 Coesfeld  
DEUTSCHLAND

Manufacturing plant

PARADOR GmbH  
Millenkamp 7-8  
48653 Coesfeld  
DEUTSCHLAND

This European Technical Assessment  
contains

6 pages which form an integral part of this assessment

This European Technical Assessment is  
issued in accordance with Regulation (EU)  
No 305/2011, on the basis of

EAD 210058-00-0504

The European Technical Assessment is issued by the Technical Assessment Body in its official language. Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and shall be identified as such.

Communication of this European Technical Assessment, including transmission by electronic means, shall be in full. However, partial reproduction may only be made with the written consent of the issuing Technical Assessment Body. Any partial reproduction shall be identified as such.

This European Technical Assessment may be withdrawn by the issuing Technical Assessment Body, in particular pursuant to information by the Commission in accordance with Article 25(3) of Regulation (EU) No 305/2011.

## Specific part

### 1 Technical description of the product

The construction product is a non-load bearing composite-based panel used for indoor wall design and/or ceiling design, in the following referred to as composite-based panel.

The composite-based panels consist of a central core layer made of wood-based panels (high-density fibreboard - HDF or medium-density fibreboard - MDF) associated with several other layers.

The possible product assembly is mentioned below:

- coating (varnish or melamine resin),
- decorative layer (paper, PP-foil, PET-foil or real wood veneer),
- optional underlay (melamine paper- only ClickBoard),
- optional adhesive (PO-basis),
- central core layer made of wood-based panels (HDF, MDF) as well as
- possible counter-pressure layer (melamine paper - only ClickBoard).

The single layers are hot pressed.

This European Technical Assessment is applicable for composite-based panels of different dimensions (width and length), thicknesses and area weights. The respective dimensions, total thicknesses and the total area weights of the composite-based panels are listed below.

Table 1: Dimensions, thicknesses and area weights of the products:

Product name	Novara	Home	MilanoClick	RapidoClick	Style	ClickBoard
Width [mm]	200	149	289	223	182	389 492
Length [mm]	1250 2050 2570 3300 4100	1250 2570	2585	1280 2050 2585 3300 4100	1280 2585	1285 2585
Thickness [mm]	10	10	12	12	10	12
Area weight [g/m <sup>2</sup> ]	7300	7300	8700	8700	7300	10000
Central core layer material	MDF	MDF	MDF	MDF	MDF	HDF
Assembly method	smooth tongue and groove connection (0 cm-joint)		Click-system (design gap)			Click-system with SafeLock®-Profil (without joints)

For mounting the composite-based panels to the wall and/or ceiling a fixing with ventilation gap (maximal 400 - 600 mm) is recommended, on e.g. wooden battens or metal bars as substructure, using mechanic connectors as e.g. nails, staples, screws and installation clips, for fixing. The manufacturer's instructions for mounting have to be considered adequately.

The substructure itself is not part of this European Technical Assessment. The composite-based panels are joined by a smooth tongue and groove connection or click system and can contain design joints. Milled edges of the panels can be covered (e.g. with varnish, stamping foil).

Decorative parts made of metal for finishing corners and/or edges can be used - they are not part of this European Technical Assessment as well as the possibly used thermal insulation.

There is no flame retardant added to the wood-based panels.

The European Technical Assessment has been issued for the products on the basis of agreed data/information, deposited with Deutsches Institut für Bautechnik (DIBt). The European Technical Assessment applies only to products corresponding to this agreed data/information.

## 2 Specification of the intended use in accordance with the applicable European Assessment Document

The composite-based panels are intended to be used for decorative purposes as non-load bearing component for internal wall and/or ceiling finishes. The panels are also intended for the use in wet rooms. Exposition to direct water is not intended.

A partial cladding of only a single or parts of a single wall and/or ceilings is conceivable.

The performances given in Section 3 are only valid if the composite-based panels are used in compliance with the specifications and conditions given in clause 1.2.1 of the corresponding European Assessment Document 210058-00-0504.

The verifications and assessment methods on which this European Technical Assessment is based lead to the assumption of a working life of the composite-based panels of at least 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

## 3 Performance of the product and references to the methods used for its assessment

### 3.1 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire test according to EN ISO 11925-2:2010	Class E according to EN 13501-1:2018-12
Propensity to undergo continuous smouldering	NPA

### 3.2 Hygiene, health and the environment (BWR 3)

Essential characteristic	Performance																		
<b>Content, emission and/or release of dangerous substances</b>																			
Substances classified as Carc. 1A/1B <sup>a)</sup>	The product does not contain these classified substances actively used. <sup>b)</sup>																		
Substances classified as Muta. 1A/1B <sup>a)</sup>																			
Substances classified as Acute Tox. 1, 2, 3; Repr. 1A/1B; STOT SE 1 and STOT RE 1 <sup>a)</sup>																			
SVOC and VOC	<p>The product "ClickBoard" was tested for the emission of dangerous substances, using the loading factor L = 1,4 m<sup>2</sup>/m<sup>3</sup> for ceilings and walls. The product "Novara" was tested representative for the emission of dangerous substances of "Home", "MilanoClick", "RapidoClick" and "Style", using the loading factor L = 0,4 m<sup>2</sup>/m<sup>3</sup> for ceilings.</p> <p>The products achieved the following performances:<sup>c)</sup></p> <table border="1"> <thead> <tr> <th></th> <th>3 days</th> <th>28 days</th> </tr> </thead> <tbody> <tr> <td>Carcinogens (Cat. 1A/1B)</td> <td>&lt; 0.01 mg/m<sup>3</sup></td> <td>&lt; 0.001 mg/m<sup>3</sup></td> </tr> <tr> <td>TVOCspez</td> <td>&lt; 10 mg/m<sup>3</sup></td> <td>&lt; 1.0 mg/m<sup>3</sup></td> </tr> <tr> <td>TSVOC</td> <td></td> <td>&lt; 0.1 mg/m<sup>3</sup></td> </tr> <tr> <td>TVOC without NIK</td> <td></td> <td>&lt; 0.1 mg/m<sup>3</sup></td> </tr> <tr> <td>R-value</td> <td></td> <td>&lt; 1</td> </tr> </tbody> </table>		3 days	28 days	Carcinogens (Cat. 1A/1B)	< 0.01 mg/m <sup>3</sup>	< 0.001 mg/m <sup>3</sup>	TVOCspez	< 10 mg/m <sup>3</sup>	< 1.0 mg/m <sup>3</sup>	TSVOC		< 0.1 mg/m <sup>3</sup>	TVOC without NIK		< 0.1 mg/m <sup>3</sup>	R-value		< 1
	3 days	28 days																	
Carcinogens (Cat. 1A/1B)	< 0.01 mg/m <sup>3</sup>	< 0.001 mg/m <sup>3</sup>																	
TVOCspez	< 10 mg/m <sup>3</sup>	< 1.0 mg/m <sup>3</sup>																	
TSVOC		< 0.1 mg/m <sup>3</sup>																	
TVOC without NIK		< 0.1 mg/m <sup>3</sup>																	
R-value		< 1																	
Pentachlorophenol (wood-based core layers)	NPA																		
Formaldehyde (Central core layer material/MDF)	≤ 0,1 ppm <sup>d)</sup>																		
Release scenarios regarding BWR 3: IA1																			
<p>a) In accordance with Regulation (EC) No 1272/2008.</p> <p>b) Assessment based on the detailed manufacturers' statements on dangerous substances.</p> <p>c) Statement according to test report.</p> <p>d) Equalizing concentration of formaldehyde in the air of a test room, corresponds to the formaldehyde requirements of the Chemicals Prohibition Ordinance, Annex 1 (to § 3), entry 1.</p>																			

### 3.3 Protection against noise (BWR 5)

Essential characteristic	Performance
Sound absorption coefficient $\alpha_s$ test according to EN ISO 354:2003	NPA
Sound absorption characteristics $\alpha_p$ and $\alpha_w$ test according to EN ISO 11654:1997	NPA

### 3.4 Energy economy and heat retention (BWR6)

Essential characteristic	Performance
Thermal resistance test according to EN 12664:2001	NPA

## 4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

For the products covered by European Assessment Document 210058-00-0504 the applicable European legal act is: Decision 1998/437/EC for internal and external wall and ceiling finishes.

With regard to the content, emission and/or and release of dangerous substances system 3 is to be applied.

In addition, with regard to reaction to fire including propensity to undergo continuous smouldering, for products covered by European Assessment Document 210058-00-0504 the applicable European legal acts are: the aforementioned Decision as amended by Decision 2001/596/EC.

The system(s) is (are): 1, 3 or 4 (system 1 in case of classes A1 to C<sup>1</sup>; system 3 in case of classes D and E; system 4 in case of class F).

Based on the determined test performance specified in clause 3.1, system 3 is to be applied with regard to reaction to fire.

For other uses than specified above the system is: 4

## 5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable European Assessment Document

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited with Deutsches Institut für Bautechnik.

Issued in Berlin on 15 January 2021 by Deutsches Institut für Bautechnik.

Brandenburger  
Head of Department

*beglaubigt:*  
Tykiel

<sup>1</sup> It can be assumed that the addition of flame retardants and/or the limitation of organic content are compulsory for obtaining one of these classes.