

**Shaw Industries Inc**  
**Ms. Troy Virgo**  
**500E Franklin Street**  
**30721 DALTON GA**

**Your message**

**Your reference**

**our reference**

**Gent**

Jw/1655

2017-10-24

## Emission French classification

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Dear,

During the last years we performed several tests on PA6 carpets tiles from Shaw to evaluate the emission results to the criteria mentioned in some national legislations regarding indoor air quality.

For determination and characterisation the following methods are used:

- **Methods for the characterisation of emissions: ISO 16000 parts 9, 10 and 11**
- **Methods for sampling and analyses: ISO 16000 parts 3 and 6**

Based on the outcome of the emission measurement we can conclude that the **Shaw Ecoworx backed Polyamide 6 carpet tiles including the Hexagon family of products** fulfil the A+ criteria for VOC and VOC substances like described in the 'Décrèt Français' like described in the following table.



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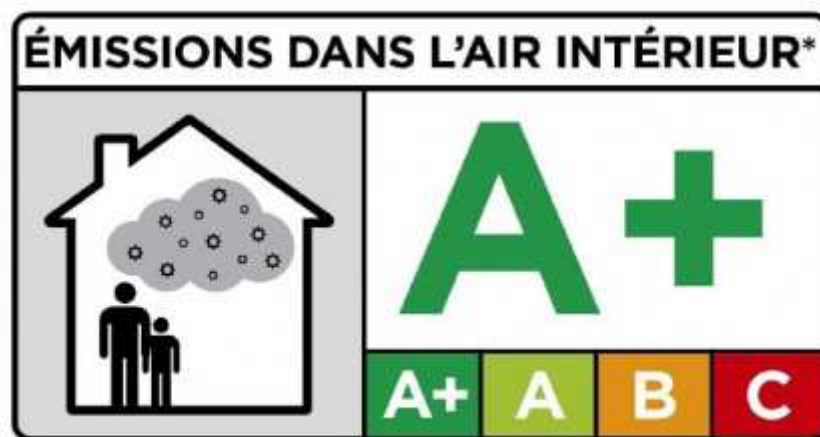
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parameter	CAS no.	Requirements <sup>1</sup> for class A+	fulfilled
Formaldehyde	50-00-0	< 10	Yes
Acetaldehyde	75-07-0	< 200	Yes
Toluene	108-88-3	< 300	Yes
Tetrachloroethylene	127-88-3	< 250	Yes
Xylene	1330-20-7	< 200	Yes
1,2,4-Trimethylbenzene	95-63-6	< 1000	Yes
1,4-dichlorobenzene	106-46-7	< 60	Yes
Ethylbenzene	100-41-4	< 750	Yes
2-Butoxyethanol	111-76-2	< 1000	yes
Styrene	100-42-5	< 250	Yes
CMR <sup>2</sup>	*	< 2	Yes
TVOC	*	< 1000	yes

<sup>1</sup>( $\mu\text{g}/\text{m}^3$ )

<sup>2</sup> according to French CMR regulation (30 April 2009)



*\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).*

We hope having been helpful with this information.

Yours sincerely,

PhD. Jo Wynendaele

Consultant Floor and Wall coverings