



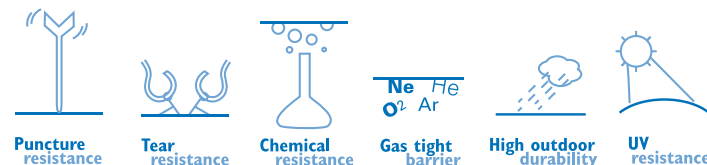
Valéron® AVA - Your Bio-Security System

Valéron® AVA

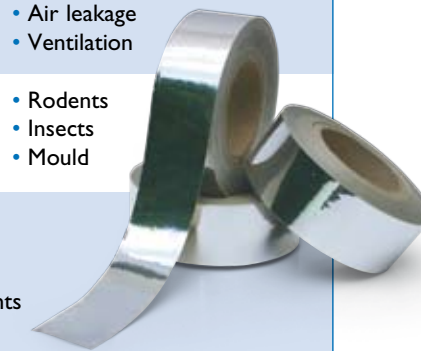
Your Bio-Security System



Summary



- Valéron® AVA improves control over:
- Bio Security
 - Temperature
 - Humidity
- Resistant to:
- Water
 - Pressure washing
 - Vermin
- Saving money by:
- Reducing electrical power and gas consumption
 - Reducing manpower requirements
 - Reducing maintenance
 - Increasing productivity
 - Decreasing production variability
 - Reducing the total construction cost



Disease control.

Valéron® film is used everyday in hundreds of highly demanding applications; construction, food packaging, food tagging. Whether your project is large or small, it is important to

you and ultimately to your customer. Valéron® technology will keep you updated. Strengthen your product with Valéron®.

be certain!
www.valeron.eu



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WISA 2148_0710



Valéron® AVA

Your Bio-Security System

Valéron® AVA has been developed for all aspects of the international food and agricultural industry. Valéron® AVA is designed to allow continuous pressure cleaning when necessary and compliments Bio Security to

the maximum level. This tough, Risk Management System, is ideal for controlling your need for heating or cooling in poultry and livestock buildings. Valéron® AVA allows you to control your poultry and livestock better!



Valéron® AVA: control your breeding environment, increase your productivity and profitability.



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TEAR
HERE

Tear this 160 gsm paper and compare its strength with the attached Valéron® sample.

Saving lives



Bio-security: ■ Valéron® AVA has a unique design to allow regular high pressure cleaning, which helps to eliminate biological contaminants and cross infection of poultry and livestock. ■ Valéron® AVA does not offer any growth conditions for bacteria and moulds. (University of Gent LabMet Avecom MVW/TV/10-11-12-2005/02-1) **Valéron® AVA a secure production environment.**

Food approval: Valéron® AVA is approved for food contact under FDA CFR21, 17.105. All the components in the manufacture of the products are on the positive list of BGA recommendation XXXVIII. Valéron® AVA is also approved for food contact under European Regulation n° 1935/2004 and the European Directives (87/711/EEC and amendments 85/572/EEC and 2002/72/EEC), while its components comply with positive list 2002/72/EC. **Valéron® AVA a secure contact material.**

Fire retardant material: Valéron® AVA has been tested by Warrington Fire and meets the following standards; surface flame spread Class 1 to BS 476 part 7, 1997 and fire propagation index Class 0 to BS 476 part 6, 1989. **Valéron® AVA a secure installation.**

Human Safety: ■ All products are made in accordance with ITW safety policy. ■ Valéron® AVA consists of known no-hazardous substances. **Valéron® AVA secure handling.**

Gas barrier: Valéron® AVA prevents methane and carbon dioxide gases produced by external sources from migrating into the building. Valéron AVA restricts airborne radon to permeate from the subsoil into the building as well. **Valéron AVA a totally secure environment.**



Remark: The directives contained in this document are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials, substrates and the great number of possible applications which are out of our control, we can not accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.



Saving time



Better poultry and livestock performance: Rearing poultry and livestock in buildings is hampered by excessive temperatures, cold or hot air infiltration and high or low humidity. Heat or cold stress can seriously effect your production. **Valéron® AVA will secure your growth ratios.**

Ease of installation: Valéron® AVA is a leightweight system only requiring two people during installation. **Valéron AVA secures an easy installation.**



Saving money



Temperature control: Valéron® AVA incorporates the perfect heat shield, reflecting more than 96% of all radiated energy. In the winter the system prevents warmth from escaping via the ceiling, wall and floor structures. Using Valéron® AVA allows you to achieve extremely low U-values. (See technical specification) **Valéron® AVA, secure breeding temperatures.**

Durability: Valéron® AVA is a rot and mould-proof system which remains extremely hard to tear even when punctured, nailed or stapled. The strength and UV-resistant coating of the Valéron® AVA system will ensure that the material has an extended life span of at least 10 years under the Valéron disciplined Hygiene Programme. **Valéron® AVA secure lifecycle.**

Moisture vapour transmission: Valéron® AVA is a pre-stretched and cross laminated coated multi-layer structure. Therefore the moisture vapour transmission rate is virtually zero and remains consistent throughout the life cycle of the system despite regular pressure washing and handling. This avoids the need to install a seperate vapour membrane during original construction. (See technical specification) **Valéron® AVA a secure barrier.**

Lighting: ■ The reflective properties of a Valéron® AVA system allow an even lightspread and therefore flockspread and reduce the energy consumption of your interior lighting by up to 10%. **Valéron® AVA secure lighting.** ■ Valéron® AVA makes lighting control more efficient.

Material savings: Where insulations are required, the correct use of a Valéron® AVA system allows the reduction of these insulation materials. In certain types of structures Valéron® AVA can eliminate the need for certain building components such as timber, under ceiling panels, vapour membranes... **Valéron® AVA secure use of space.**

Control your breeding environment, increase your productivity and profitability.

