

6 Conclusions and recommendations

- 6.1 The general impression of the examined Polygum roofs is good. This means that no extensive maintenance is required for any of the roofs in the short term.
- 6.2 With one exception, the observed imperfections do not directly or will not in the immediate future endanger the water-tightness, and can be summarised as follows:
- Cracking on the surface of the top layers, depending on whether there is a mineral finishing or not. Resistance against cracking is better when a mineralised finish is available;
 - Insufficient slope and pollution of the roof due to overdue maintenance;
 - At some of the projects, some shrinkage of the membranes at the transversal overlaps is present. The polyester/glass fibre composite reinforcements are dimensionally stable.
- 6.3 Based on the average age of the examined roofs (17 years) and the age of the oldest roofs (20, 21, 22 and 24 years), as well as a conservative assessment of the effect of artificial ageing, the expected service life of Polygum roofing membranes, carried out with good craftsmanship according to the regulations and checked by the manufacturer, amounts to minimum 25 to 30 years, as long as periodical maintenance takes place.

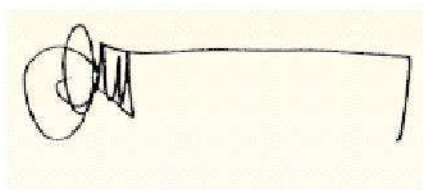
Gorinchem, 02.11.19

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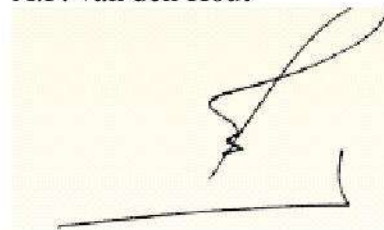


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6. Concluzii si recomandari

6.1. Impresia generala a acoperisului examinat si finisat cu Polygum este buna. Acest lucru inseamna ca nu vor fi necesare interventii in viitorul apropiat.

6.2. Cu o exceptie, imperfectiunile observate in masa membranei nu vor pune in pericol direct etanseitatea.

- Crapaturi aparute in suprafeta stratului superior in functie de finisare, cu ardezie sau nu. Rezistenta impotriva crăpăturilor este mai bună atunci când este disponibil un finisaj cu ardezie,

- Panta insuficientă și poluarea acoperișului datorită vechimii

- La unele dintre proiecte la suprapunerile transversale este prezentă o anumită contracție a membranelor. Armaturile din poliester si din fibra de sticla sunt stabile.

6.3. In baza vechimi medii de circa 17 ani a teraselor, sau a unora vechi de (20, 21, 22, si 24 ani), precum și a evaluarii a efectului de îmbătrânire artificiala, durata de viață preconizată a membranelor Polygum, efectuată conform detaliilor si tehnologiei pusa la dispozitie si verificată de producător, este preconizata de la minimum 25 până la 30 de ani, atâta timp cât are loc o intretinerea periodica.