

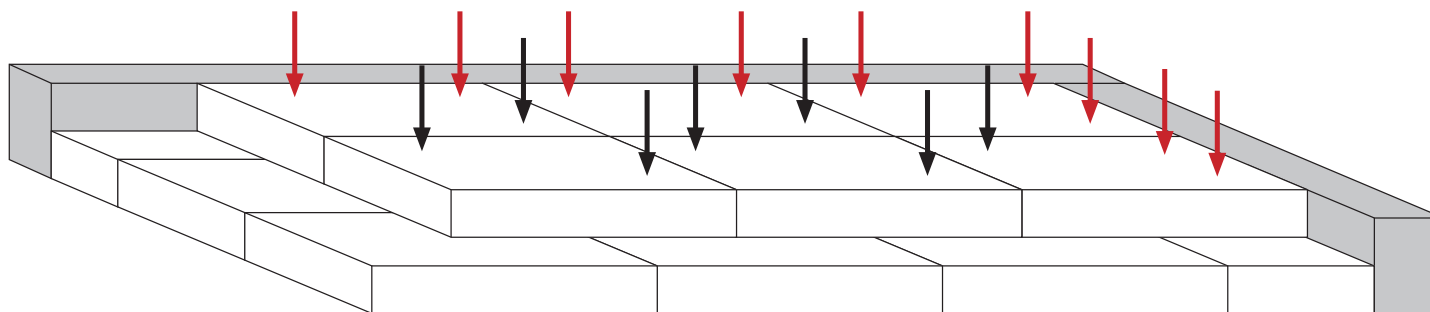
# Opstropning af isolering under selvbærende terrændæk:

Skru minimum 2 stk isoleringsstroppe i pr. plade (1200x1200 mm), og skru kun til plade på skrue rør overside af isolering. (skruen må ikke dreje rundt i isoleringsmaterialet)

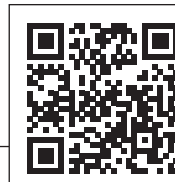
Opstropningen bruges til EPS (flamingo), og benyttes til isoleringstykkelser hvor gevind får fat i isolering - dvs. gevind må ikke skrues igennem isolering, så det ikke får vedhold. (ved små isoleringstykkelser).

Isoleringsstroppe monteres diagonalt på plader i 1/4 delspunkterne, således at de får fat i underliggende plader også. (se sorte pile på piktogram)

Langs alle randzoner iskrues ligeledes isoleringsstroppe, så alle pladestykker minimum har fat med 2 stropper. (Se røde pile på piktogram).



Præsentationsfilm



**DBK**

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Dansk Byggekomponent ApS udvikler og producerer prisbillige og serieproducerede produkter til indbygning i bygningskonstruktioner inden for jord, beton og kloak.

## Akulon® K224-G6

## PA6-GF30

30% Glass Reinforced

Print Date: 2019-04-11

| Properties                                   | Typical Data | Unit              | Test Method     |
|--|--------------|-------------------|-----------------|
| <b>Rheological properties</b>                |              |                   |                 |
|  | dry / cond   |                   |                 |
| Molding shrinkage (parallel)                 | 0.3 / *      | %                 | ISO 294-4       |
| Molding shrinkage (normal)                   | 0.9 / *      | %                 | ISO 294-4       |
| <b>Mechanical properties</b>                 |              |                   |                 |
|  | dry / cond   |                   |                 |
| Tensile modulus                              | 9500 / 6000  | MPa               | ISO 527-1/-2    |
| Stress at break                              | 180 / 110    | MPa               | ISO 527-1/-2    |
| Strain at break                              | 3.5 / 7      | %                 | ISO 527-1/-2    |
| Flexural modulus                             | 8600 / -     | MPa               | ISO 178         |
| Flexural strength                            | 235 / -      | MPa               | ISO 178         |
| Charpy impact strength (+23°C)               | 90 / 110     | kJ/m <sup>2</sup> | ISO 179/1eU     |
| Charpy impact strength (-30°C)               | 75 / 75      | kJ/m <sup>2</sup> | ISO 179/1eU     |
| Charpy notched impact strength (+23°C)       | 12 / 25      | kJ/m <sup>2</sup> | ISO 179/1eA     |
| Charpy notched impact strength (-30°C)       | 11 / 11      | kJ/m <sup>2</sup> | ISO 179/1eA     |
| <b>Thermal properties</b>                    |              |                   |                 |
|  | dry / cond   |                   |                 |
| Melting temperature (10°C/min)               | 220 / *      | °C                | ISO 11357-1/-3  |
| Temp. of deflection under load (1.80 MPa)    | 207 / *      | °C                | ISO 75-1/-2     |
| Temp. of deflection under load (0.45 MPa)    | 220 / *      | °C                | ISO 75-1/-2     |
| Coeff. of linear therm. expansion (parallel) | 0.2 / *      | E-4/°C            | ISO 11359-1/-2  |
| Coeff. of linear therm. expansion (normal)   | 0.7 / *      | E-4/°C            | ISO 11359-1/-2  |
| Burning Behav. at 1.5 mm nom. thickn.        | HB / *       | class             | IEC 60695-11-10 |
| Thickness tested                             | 1.5 / *      | mm                | IEC 60695-11-10 |
| Burning Behav. at thickness h                | HB / *       | class             | IEC 60695-11-10 |

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| Properties                          | Typical Data | Unit | Test Method     |
|-------------------------------------|--------------|------|-----------------|
| Thickness tested                    | 0.75 / *     | mm   | IEC 60695-11-10 |
| Glow Wire Flammability Index GWFI   | 700 / -      | °C   | IEC 60695-2-12  |
| GWFI (Thickness (1) tested)         | 2 / -        | mm   | IEC 60695-2-12  |
| Glow Wire Flammability Index GWFI   | 700 / -      | °C   | IEC 60695-2-12  |
| GWFI (Thickness (2) tested)         | 1.5 / -      | mm   | IEC 60695-2-12  |
| Glow Wire Ignition Temperature GWIT | 725 / -      | °C   | IEC 60695-2-13  |
| GWIT (Thickness (1) tested)         | 2 / -        | mm   | IEC 60695-2-13  |
| Glow Wire Ignition Temperature GWIT | 725 / -      | °C   | IEC 60695-2-13  |
| GWIT (Thickness (2) tested)         | 1.5 / -      | mm   | IEC 60695-2-13  |

## Electrical properties

dry / cond

|                               |             |       |             |
|-------------------------------|-------------|-------|-------------|
| Relative permittivity (100Hz) | 3.5 / 20    | -     | IEC 60250   |
| Relative permittivity (1 MHz) | 3.3 / 5     | -     | IEC 60250   |
| Dissipation factor (100 Hz)   | 50 / 3000   | E-4   | IEC 60250   |
| Dissipation factor (1 MHz)    | 150 / 1200  | E-4   | IEC 60250   |
| Volume resistivity            | 1E13 / 1E11 | Ohm*m | IEC 60093   |
| Surface resistivity           | * / 1E14    | Ohm   | IEC 60093   |
| Electric strength             | 30 / 25     | kV/mm | IEC 60243-1 |
| Comparative tracking index    | * / 600     | V     | IEC 60112   |

## Other properties

dry / cond

|                     |          |                   |                |
|---------------------|----------|-------------------|----------------|
| Water absorption    | 6.3 / *  | %                 | Sim. to ISO 62 |
| Humidity absorption | 1.9 / *  | %                 | Sim. to ISO 62 |
| Density             | 1350 / - | kg/m <sup>3</sup> | ISO 1183       |

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